taaaggggggt agctcacagg tgagggggtt tagggcccct ctagggagcg cctgaggcca 180
tacattcaag agtgtccctg gtgaggccca gggaagagcc aggactgg 228

<210> 889
<211> 378
<212> DNA
<213> Homo sapien

<400> 889
ttggcttttc tccccttctc atcctcctct ccccttccct cactgaaggc tgtgagttgc 60
tttcaatgtg acaacactat gatgtcattt ggaaggattt gccaggacag actgattctg 120
agtcctgggt gccgtatgtg tatgcggcag tgttgtcagg cgatcttgtt tgaagctcta 180
tgttgccata attaccatca agtacacact gttggcaaaa ggctaacacc tgactttagg 240
aaatgctgat ttgagaacaa aaggaaaggt ctttttttcac tgcttaaagt ggggtcactt 300
tgataccttt gcggtcatgt ctgtgtctga tgagtgtaga atctctggat gtgcactgtc 360
agtcatgtgt ccaccagg 378

<210> 890
<211> 215
<212> DNA
<213> Homo sapien

<400> 890
ccattttgga gtgtgtccat tgggtagcaa tgtggaaacc accagggcct ttgtggagaa 60
aatggagggg gttgagggag tcccaggagg ggcttatttg agggcctttg ccacttgctc 120
ataggcgagc tcgatctcct catcatctgg acaggtggaa gcgaattctt cccgggcgta 180
ggcattgctc aagtaccgat gcactccccg gaagg 215

<210> 891
<211> 412
<212> DNA
<213> Homo sapien

<400> 891
ctggtcaagt tcaacagagc cttggctgac cattctatgg ctcaggcacc tcggctcatt 60
gatggcattg ttcttaccaa atttgatacc attgatgaca aggtgggagc tgctatttct 120
atgacgtaca tcacaagcaa acccatcgtc tttgtgggca ccggccagac ctactgtgac 180
ctacgcagcc tcaatgccaa ggctgtggtg gctgccctca tgaaggctta acgtggctct 240
tgcccaatac caaatcgccg ctttccccac aagcccttct tcctgtatca agaatgtgct 300
ttagagtatg tgagcaacct gtcttcagtg tagtacaaag gcagagtgag gggcttgtg 360
gctccttcca accccactcc ccgttcagca cagccgccat ctgcaaggaa gg 412

<210> 892
<211> 472
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 892
tttttttttt tttttttttt ttaattacta ccttttattc taatgtgaac catggccctg 60

aaagctgata acaagcttgg ctgancagag ggaactaggg gtcggcagaa aggattatgg 120
gtggaaaaca ttggctcttc cttggggagt gatgctgggg aaagggaana nagtggctca 180
ncctgcaggt aaataggcta naaaagccaa ggccaaaggc tggaggggag aggacagtca 240
gcatgtccag cctggggtct gggtgtaggg ttatcccttc tccctgtgcc ttcccatctc 300
gtccatgagc ctaggtcttg gagccttgtg ttggaggctg ctgtgatgtc aggaacgggg 360
atctgtctag cttttggcca cttcctggga cctcacgccc ctgttgacag atggagattg 420
ggcagcaggg ccttgctgcg ttgttatctg ctgttccgac ttggtttgtc tt 472

<210> 893
<211> 477
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 893
caaagattca ctttatttat tcattctcct ccaacattag cataattaaa gccaaggagg 60
aggagggggg tgaggtgaaa gatgagctgg aggaccgcaa taggggtagg tcccctgtgg 120
aaaaagggtc agaggccaaa ggatgggagg gggtcaggct ggaactgagg agcaggtggg 180
ggcacttctc cctctaacac tctcccctgt tgaagctctt tgtgacgggc gagctcaggc 240
cctgatgggt gacttcgcag gcgtagactt tgtgtttctc gtagtctgct ttgctcagcg 300
tcagggtgct gctgaggctg taggtgctgt ccttgctgtc ctgctctgtg acactctcct 360
gggagttacc cgattggagg gcgttatcca ccttccactg tactttggcc tctctgggat 420
agaagttatt cagcangcac acaacanang cagtttccag atttcaactg ctcatca 477

<210> 894
<211> 289
<212> DNA
<213> Homo sapien

<400> 894
ctgtcttatg gctatgatga gaaatcaacc ggaggaattt ccgtgcctgg ccccatgggt 60
ccctctggtc ctcgtggtct ccctggcccc cctggtgcac ctggtcccca aggcttccaa 120
ggtccccctg gtgagcctgg cgagcctgga gcttcaggtc ccatgggtcc ccgaggtccc 180
ccaggtcccc ctggaaagaa tggagatgat ggggaagctg gaaaacctgg tcgtcctggt 240
gagcgtgggc ctcctgggcc tcagagtgct cgaggattgc ccggaacag 289

<210> 895
<211> 179
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 895
ctggatgggt ccanacaaag tggaatccct ggaaccttta actgagcagt gaaggtcagt 60
gcctcagagc ctgagagatg aacaggacca gagagagagg tgggcaggca ggcacaaggt 120
tatgtcttcc tcagactcgg aaccctgctc ttctccacca tccagacgtt cagctacag 179

<210> 896
<211> 557
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(557)
<223> n = A,T,C or G

<400> 896
ccactcactg ctgggaccca ggcacctccc ttctccatcc tctctggatt gtcagtaatg 60
tcctggaaca gaagcctgtg ggatggcctt gggcacggag aagccctggg gtcagtgtcg 120
tgcacggatg gcggcagtgt tgaacccagg aggctgaacc cggcccacca cggaagatga 180
gtgcatggca accgcctgcc ttcacgtcgc tccacttggt aaccccaagg tctgggctgt 240
tctaggtatt gcttcacgtg ccccagcaag cccttaacaa gagggcctgg ttccctgaag 300
aaccaatccc aggaaggggc cttgatccct ccgccttgct gagagtgaac cctcgtctct 360
cctcacnctc catttcattt ctgggaattg gggcttagtt tcgaaccttt ggcaaggctg 420
ttcttactaa tgcccaagcc cctttacccc tctccctata ggttacacag gggagaccag 480
ggcctcggca gaagactgct gccacacttc cgaatcattc tgcttgccaa ataggtcatc 540
ttcaccagtt gactgac 557

<210> 897
<211> 495
<212> DNA
<213> Homo sapien

<400> 897
ctggaatctc ctttgcaatc ccatctgata agattaaaaa gttcctcacg gagtcccatg 60
accgacaggc caaaggaaga gccatcacca agaagaagta tattggtatc cgaatgatgt 120
cactcacgtc cagcaaagcc aaagagctga aggaccggca ccgggacttc ccagacgtga 180
tctcaggagc gtatataatt gaagtaattc ctgatacccc agcagaagct ggtggtctca 240
aggaaaacga cgtcataatc agcatcaatg gacagtccgt ggtctccgcc aatgatgtca 300
gcgacgtcat taaaagggaa agcaccctga acatggtggt ccgcaggggt aatgaagata 360
tcatgatcac agtgattccc gaagaaattg acccataggc agaggcatga gctggacttc 420
atgtttccct caaagactct cccgtggatg acggatgagg actctgggct gctggaatag 480
gacactcaag acttt 495

<210> 898
<211> 406
<212> DNA
<213> Homo sapien

<400> 898
ccacgactgc atgcccgcgc ccgccaggtg atacctccgc cggtgaccca ggggctctgc 60
gacacaggga gtctgcatgt ctaagtgcta gacatgctca gctttgtgga tacgcggact 120
ttgttgctgc ttgcagtaac cttatgccta gcaacatgcc aatctttaca agaggaaacc 180
gtaagaaagg gcccagccgg agatagagga ccacgtggag aaaggggtcc accaggcccc 240
ccaggcagag atggtgaaga tggtcccaca ggccctcctg gtccacctgg tcctcctggc 300
ccccctggtc tcggtgggaa ctttgctgct cagtatgacg gaaaaggagt tggacttggc 360
cccggaccaa tgggcttaat gggacctaga ggcccacctg gtgcag 406

<210> 899

<211> 277
<212> DNA
<213> Homo sapien

<400> 899
cctaagagtc attaaaaaat tctccctttg taacctcagt gctggggact gaggcgagcc 60
ccctcaggtc gctggagtgc accagtcttg gggaagaggt gcaggagaag ctgtgttttt 120
tatctccaca cgcagtatga agataaaatt acatagtatt acctagacat agacagtatt 180
acctaggtag atgcactgct cacctgcacc cttcccagct ctcatttttg ttaggtgatt 240
tgggataggg atagtgtttt ggggtatggg gggagtg 277

<210> 900
<211> 389
<212> DNA
<213> Homo sapien

<400> 900
ctgttttgaa atatttactg ttattaaaac ttgcttcaag ggaaattgtg aatatatttc 60
catatacaag cactagtaac agtaagtggc cctgtcatcc actaactcag gcaaagtaaa 120
gaatggcatt tttgaaggac attttacctc cccatatgat ttgattggct aggactttct 180
tctgtaaagt catacctttt cacatcttaa gtttttacat ttgccatttt ccaaatctca 240
attttgggca agaacgatat agtcacaact atggggctgc tttcaaaagc ggggctccat 300
ttctactgtc agatcaatgt ggtgctgtaa ccatcttttt atccctacct tcaagaacct 360
ccttatatga agcctgtctt tatccatca 389

<210> 901
<211> 453
<212> DNA
<213> Homo sapien

<400> 901
ctggagacac ccacttgggt ggagaagatt ttgacaaccg aatggtcaac cattttattg 60
ctgagtttaa gcgcaagcat aagaaggaca tcagtgagaa caagagagct gtaagacgcc 120
tccgtactgc ttgtgaacgt gctaagcgta ccctctcttc cagcacccag gccagtattg 180
agatcgattc tctctatgaa ggaatcgact tctatacctc cattacccgt gcccgatttg 240
aagaactgaa tgctgacctg ttccgtggca ccctggaccc agtagagaaa gcccttcgag 300
atgccaaact agacaagtca cagattcatg atattgtcct ggttggtggt tctactcgta 360
tccccaagat tcagaagctt ctccaagact tcttcaatgg aaaagaactg aataagagca 420
tcaaccctga tgaagctgtt gcttatggtg cag 453

<210> 902
<211> 293
<212> DNA
<213> Homo sapien

<400> 902
cctccggccg cccccacggc tcccatggcc tcttcctgcg ctaccgtgtg gaggccctaa 60
ccctgcgtgg catcaatagc ttccgccagt acaagtatga cctggtggca gtgggcaagg 120
ctttggaggg catgttccgc aagctcaacc acctcctgga gcgcctgcac cagtccttct 180
tcctctactt gctccccggc ctctcccgct tcgtctccat tggcctctac atgcccgctg 240
tcggcttctt gctcctggtc cttggtctca aggctctgga actgtggatg cag 293

<210> 903
<211> 228

<212> DNA
<213> Homo sapien

<400> 903
ctggagactc tgggccagga gaagctgaag ctggaggcgg agcttggcaa catgcagggg 60
ctggtggagg acttcaagaa caagtatgag gatgagatca ataagcgtac agagatggag 120
aacgaatttg tcctcatcaa gaaggatgtg gatgaagctt acatgaacaa ggtagagctg 180
gagtctcgcc tggaagggct gaccgacgag atcaacttcc tcaggcag 228

<210> 904
<211> 388
<212> DNA
<213> Homo sapien

<400> 904
ccaagcgctc agatcggcaa ggggcaccag tcttgatctg cccagtgcac agccccacaa 60
ccaggtcagc gatgaaggta tcttcagtct cccccgaacg atgaggcacc atgacgcccc 120
aaccattggc ctgggccagc ttgcacgcct gaagagactc ggtcacggag ccaatctggt 180
tgactttgag caggaggcag ttgcaggact tctcgttcac ggccttggcg atcctctttg 240
ggttggtcac tgtgagatca tcccccacta cctggattcc tgcactggct gtgaacttct 300
gccaagctcc ccagtcatcc tggtcaaagg gatcttcgat agacaccact gggtagtcct 360
tgatgaagga cttgtacagg tcagccag 388

<210> 905
<211> 272
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 905
ccggagccca cggnggtcat ggctgccaga gcgctctgca tgctggggct ggtcctggcc 60
ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
ccagccaagg acagggtgga ctgcggctac ccccatgtca cccccaagga gtgcaacaac 180
cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gcccctgcag 240
gaagcagaat gcaccttctg aggcacctcc ag 272

<210> 906
<211> 525
<212> DNA
<213> Homo sapien

<400> 906
ctgtgcaccc gagtgtcctt tccccctaa gctggcacat aggagcaaaa gttcactaac 60
cctgcagtgg aaggcaccaa ttgacaacgg ttcaaaaatc accaactacc ttttagagtg 120
ggatgaggga aaagaaatag tggtttcaga cagtgcttct tcgggagcca gaagcactgc 180
aagttgacaa agctttgtcc ggcaatgggg tacacattca ggctggccgc tcgaaacgac 240
attggtacca gtggttatag ccaagaggtg gtgtgctaca cattaggaaa tatccctcag 300
atgccttctg caccaaggct ggttcgagct ggcatcacat gggtcacgtt gcagtggagt 360
aagccagaag gctgttcacc cgaggaagtg atcacctaca ccttggaaat tcaggaggat 420
gaaaatgata acctttcca cccaaaatac actggagagg atttaacctg tactgtgaaa 480

aatctcaaaa gaagcacaca gtataaattc aggctgactg cttct 525

<210> 907
<211> 365
<212> DNA
<213> Homo sapien

<400> 907
gtaaatttta agtctttcag ttttatagat acggaaaaca agggtgactc tttaccacag 60
gatgaataaa gaactaagta atatgggaaa tgcagcaatt tctggactag ctgagccgat 120
tccttcctgt gagcacactg taagctttca agttctctgg gcaggaatta cagcacctgt 180
cccctgcaat ggccctgctg tgtgatgctc atcgcttccc ttcgtgctgg agcagtcccc 240
caggtgtcca tctcctatct ttttgttcca atcttctgtg agttccagct agcaggcttt 300
acatctgggg aaaggaaaac caggggtttt agctctgttc tctgctccca tccttcgctc 360
accag 365

<210> 908
<211> 608
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

<400> 908
cggaggtgcc tcagccatgg catggatccc tctcttcctc ggcgtccttg cttactgcac 60
aggacgtgcg gcctcctttg aggtgaccca gccaccttca atgtccgtgt ccccaggaca 120
gacagccaag atcacctgca ctggagatag gttgggggat gaatatgttt gctggtatca 180
acagaagcca ggccagtccc ctgtattgat aatatatttg gataacaagc ggccctcggg 240
gatccctgac cgattctctg cctacgcctc tgggaacaca gccactctga tcatcagcgg 300
ggcccaagtt atggatgagg cttattatta ctgtcaggcg tgggacggca gaactgtggt 360
gttcggcgaa gggaccaacc tgaccgtcct aggtcagccc aaggctgccc cctcggtcac 420
tctgttcccg ccctcctctg aggagcttca agccaacaag gccacactgg tgtgtctcat 480
aagtgacttc tacccgggag ccgtgacagt ggcctggaag gcagatagca gccccgtcaa 540
ggcgggagtg gagaccacca caccctccaa acaaagcaac aacaagtacg cggncagcag 600
ctatctga 608

<210> 909
<211> 513
<212> DNA
<213> Homo sapien

<400> 909
ctggtctcaa actcctcacc tcaactgatc cgcccacctt ggcctcccaa agtgctggga 60
ttataggtgt gagccaccgt gcccaaagtt aagtattttt gatcaagtgt tttgtctttt 120
gtgcaaggca tttgtggctc tgtcatagca gaggaaaaca aaacatgcct atcaaatgaa 180
tcaagtccga cctcttctca tattgagcaa ctagaggtct aggaacattt cccctacctg 240
tcattctcat ctggcatacc aggtgtacat actccttctt attctcctct gttaccaaga 300
tgttggcccc attgggtttg aggtcacgaa ctccacaaac tccaaactct tggacctcag 360
tgctgaaggt gaggtcatag cctagtgtgg agacatcatt ttccagcaga taaaccagac 420
cttggtagaa gtggtaatct tcactctcca tatctgtata tctgactgac ttgcccaaga 480
tgtgtttgta aaaggatcga gtaaagtagc act 513

<210> 910
<211> 272
<212> DNA
<213> Homo sapien

<400> 910
ccggagccca cggtggtcat ggctgccaga gcgctctgta tgctggggct ggtcctggcc 60
ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
ccagccaagg acagggtgga ctgcggctac ccccatgtca cccccaagga gtgcaacaac 180
cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gcccctgcag 240
gaagcagaat gcaccttctg aggcacctcc ag 272

<210> 911
<211> 263
<212> DNA
<213> Homo sapien

<400> 911
cctgcaggta caaattgacc aggctgttga cggctgcctc cacgtcggtg gaataattct 60
gacgaatctg ggagctcatg gttggttggc aagaaggagc taaccacaaa aacggtgctg 120
gcaggtccca gaagcaggag atggccgaga agatggtccc ggaggttgca agcggagagg 180
aaatcggagg gcggtcggag gctggaagag agtccccgga tctgttccgt ccaaacactg 240
ttgaagcaag agacagaccc gcg 263

<210> 912
<211> 470
<212> DNA
<213> Homo sapien

<400> 912
ctgtgagcac cagcccaacc ctacctcttt aaaaagaaaa aacacaagtc cactctgaag 60
tcagcctctg taacctcccc acaagaaaac cgttttacat cagtcactaa ccaaacaacc 120
aacagtgctt caacacagaa agtaaagcat tatccagggc ttggactgtc tttcaagaaa 180
gccccaaatc ccctggcagg aggaagtcac agcagtgaag ccccatccca ggcccagttg 240
ttcccacgaa acacaccacg tggagaccca gcatgactgc cgactgattc caagtcccca 300
ggagggcttt atttttttctt ttcaacatcc tgttctgcgg cttccttggc actttttgcc 360
cgtatgccga agagccgggc gttggcacgg gccatacgga gactagcgaa ggctttgaaa 420
ttcttctctt cctcagtgat gactcgagct ttctccttct tatagacgtt 470

<210> 913
<211> 426
<212> DNA
<213> Homo sapien

<400> 913
cctggacacc ataaggctgg tgggctttca gaattgtgtt agggggggcag gagtggcagg 60
ttcctgaatc tcggtcaata tagtaaccag caggacaaga ggtgcaggag gagcccacat 120
cagaggcttc tagggcacag ggacggcagt aggaggccac gccattcata acattggtga 180
cattgatgga gtagatcttg gcaacgtcat tggtgtactt cctgcttgcc tcatgaaaag 240
tggtcctctg gaaggcccag gtgaggctcg tggtagtgtt ctcctcaatg atgtaggtat 300
aggactgttt gcctttggaa cctttccacg tctccacagg agtgttggtc ctagaattca 360
cacccaccat gaagtagagc tcacagttca cagaacagag ggtctcaaag acaaatgtga 420
ttctgg 426

<210> 914
<211> 252
<212> DNA
<213> Homo sapien

<400> 914
ccaagctggg ggtgcgcaca tgtggaagaa ctggaggccc ggtgtcatga gcagaggctg 60
taccctagat gcccgcccca gtgccagcca acccaagaca ggagaaagag tttggcagtt 120
tcgcctctga ggaatacatg cctggccctc ctgtgaggtg aggcggtagg ggggaaggcg 180
caggctccga agtctgaggg cttgccggag ggggagtttc tgagcctttt gcatgggtgc 240
atgccccctg cc 252

<210> 915
<211> 234
<212> DNA
<213> Homo sapien

<400> 915
ccactgggac tttggcttcc tgatgccgat tgtggatttc tgctgcaaag acagtgatgt 60
tgagccaggc tgtttcctct ctatccagag gttttgtagt tttaataaaa ccatcctctg 120
gattaatagt gaaaaatctg tcgaggtcag tgtgacgatc gatggaatac cttatcgggc 180
tgttggcagc atcagggtct ttggcatgca ctctcccaac cacggtgcca gcag 234

<210> 916
<211> 366
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 916
ccattcagtc tcanttcaga aaattccaga agaagaaggc tgggtctcag tcctagtggg 60
agaaccccct cctagtccac ctgaaaacac caaattcaac catcatctgt caagaaatta 120
aaagaacaac accctagaga gaagtcatcc acacacaatc cacacacgca tagcaaacct 180
ccaatgcatg tacagaaacc tgtgatattt ataccettgt aggaaggtat agacaatgga 240
attgtgagta gcttaatctc tatgtttctc tccattttca ttcctcctgc aactattttc 300
cttgatgttg taataaaatg aagttacgat gagtgatnaa aaaaaaaaaa aaaaaaaaaa 360
aaaaaa 366

<210> 917
<211> 492
<212> DNA
<213> Homo sapien

<400> 917
ggcacagcga gggcagcatc tggaggagct ctgcagcctc cacacctacc acgacctccc 60
agggctgagc tcaggaaaaa ccagccactg ctttacagga caggggggttg aagctgagcc 120
ccgcctcaca cccacccccca tgcactcaaa gattggattt tacagctact tgcaattcaa 180
aattcagaag aataaaaaat gggaacatac agaactctaa aagatagaca tcagaaattg 240
ttaagttaag ctttttcaaa aaatcagcaa ttcccccagcg tagtcaaggg tggacactgc 300

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acgctctggc atgatgggat ggcgaccggg caagctttct tcctcgagat gctctgctgc     360
ttgagagcta ttgctttgtt aagatataaa aaggggtttc tttttgtctt tctgtaaggt     420
ggtcttccag cttttgattg aaagtcctag ggtgattcta tttctgctgt gatttatctg     480
ctgaaagctc ag                                                         492

<210> 918
<211> 557
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(557)
<223> n = A,T,C or G

<400> 918
ctgctcctgg gtaggcgtgc gggccatatc gtaggggtag gatactagcc gctcgccgcc      60
gttcagattt gctcccagca cgaaggggtt cttctccatc caggcaatga tggcccggac     120
ctccgtggat accgtggcat ctggcgaaag gtagcgttca gggatgggca agttattgtt     180
ggggacccgg taggggaccc atttcctctc ctcagctccc cagagcacag agttgagatc     240
cgggaaatct tcaaagatgt caaagccctc ctcagtccac agtcccagcg cccagttccc     300
aaactctgag cccatctgcg ctgccacctc gtagccatca gggttcagtg agggcaccag     360
gtggatgcgt gtgtcctgca ccaggctgcg cacacgtggg ttcccatcgc ggtactctcg     420
gcacaggtac tgcatgagca gcagcaacag ctctcggccc agcacctcgt tgccatggat     480
cccagcagtg tagcggaact cgggctcccc cagttcatgc tccccanggt tgtctgagat     540
ctccatggca tagatct                                                    557

<210> 919
<211> 407
<212> DNA
<213> Homo sapien

<400> 919
ccttatgact acaacggccc acgagaaaaa tatggaatcg ttgattacat gatcgagcag      60
tccgggcctc cctccaagga gattctgacc ctgaagcagg tccaggagtt cctgaaggat     120
ggagacgatg tcatcatcat cggggtcttt aagggggaga gtgacccagc ctaccagcaa     180
taccaggatg ccgctaacaa cctgagagaa gattacaaat ttcaccacac tttcatcaca     240
gaaatagcaa agttcttgaa agtctcccag gggcagttgg ttgtaatgca gcctgagaga     300
ttccagtcta agtatgagcc ccggagccac atgatggacg tccagggctc cacccaggac     360
tcggccatca aggacttcgt gctgaagtac gccctgcccc tggttgg                   407

<210> 920
<211> 340
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 920
cctcttgggc agcnnagggc cctgcctctg tttcatgatg catgggtcat ttgtcttggg      60
tgtcctatcc catatggaga agaaaggggc tctaagttct ggctcttctt tctttggggt     120
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tctctgtacc tgaggaaacc aggccctggg tgactttgca gatctgctca ccctcggtga 180
gcaacagtgt cagccatgca agcaggacag aatggtgact gggtgccctt ggtgagctgt 240
gtatttccta ggaggtagaa aactgtggga aactgtggct aataaaaact aagtgtgagc 300
gtcnaaaaaa aaaaaaanna aaaanaaaaa aagcttgtac 340

<210> 921
<211> 571
<212> DNA
<213> Homo sapien

<400> 921
ggaaaaataa ttttattcct caaatgatca gcacattcag aagcaggaca gaggagctct 60
gatgacatct ctgggggact caaagcggcc ctcattttct ggtattttcc caggtgattc 120
tcttccaacc tgtgagtcct gctctctttc ctcccatctg aagtttgaga catcctctgc 180
cacaaggaaa gccaccaata ccagcccaaa gagccaccag agaggaacca aaccacatgc 240
atcaagttat aggaaggatg caagaaggga aattaggaag gaaagggagg agtttagttg 300
gcattctggg gcatgctaac atgagggcga tggtctctct ccaagtcgct ggacatatcc 360
cttttctttc caggtgctcc aactccaatt gcagtttggg ggaacgtgtg aaacttgttg 420
aagtcctgcg tgtatgtgcc cagcatgcaa gtactcagat taccgcaccg cttagatctg 480
gggctgtcca ggctggagcc ctctctctct tgctcctgct ccagctcact ggccttcatc 540
tgcacatagt cctgcaccag tgcagccagc a 571

<210> 922
<211> 262
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 922
gcccaanaca tncaggtcac agcagattcg ggcacgtgtg gaagaaggtt ggatgatgtc 60
atccacaaac cctcgcactg ctgcagggaa agggttggca aacttctcga tgtactctgc 120
ctgancagct tccacattct catgcccttt gaagatgatc tccacagcgc cctttgctcc 180
catgactgca atctctgngg tgggccangc atanttggta tcaccacaaa ngtgcttaga 240
gctcatgaca tcntaggcac ct 262

<210> 923
<211> 234
<212> DNA
<213> Homo sapien

<400> 923
ccactgggac tttggcttcc tgatgccgat tgtggatttc tgctgcaaag acagtgatgt 60
tgagccaggc tgtttcctct ctatccagag gttttgtagt tttaataaaa ccatcctctg 120
gattaatagt gaaaaatctg tcgaggtcag tgtgacgatc gatggaatac cttatcgggc 180
tgttggcagc atcagggtct ttggcatgca ctctcccaac cacggtgcca gcag 234

<210> 924
<211> 152
<212> DNA
<213> Homo sapien

<400> 924
ccaggattga caggccatcc attcacagcc aggagatgct gggccagttc ctccaagagg 60
tctccgtcat ggcagtgatg aaaacctaac agggtggccc cctgtgccag ctcaggtgac 120
tggagcccga gggcctgaca ggttcccagc ag 152

<210> 925
<211> 400
<212> DNA
<213> Homo sapien

<400> 925
caatatcatg ccaaggaccc aaacaacctc ttcatggtgc gcttggcaca gggcctgaca 60
catttaggga agggcaccct taccctctgc ccctaccaca gcgaccggca gcttatgagc 120
caggtggccg tggctggact gctcactgtg cttgtctctt tcctggatgt tcgaaacatt 180
attctaggca aatcacacta tgtattgtat gggctggtgg ctgccatgca gccccgaatg 240
ctggttacgt ttgatgagga gctgcggcca ttgccagtgt ctgtccgtgt gggccaggca 300
gtggatgtgg tgggccaggc tggcaagccg aagactatca cagggttcca gacgcataca 360
accccagtgt tgttggccca cggggaacgg gcagaattgg 400

<210> 926
<211> 521
<212> DNA
<213> Homo sapien

<400> 926
ccacgtccct attttagaaa tgagaggagt gactgcacac aggaaaaatg ccacttttag 60
caattcaaag tggaaaaact tcttttatat aaaaattatc ccaactccca ccccttggct 120
ctcagtgttg catctcccac agaggtaaag ttgtgccatt ttcccacggc tttaaacaaa 180
gcaaaacaaa accaccaatc ctaataaccc ccctccctgc cccgtctcca cgctgtgcgg 240
agagggctct agcccctcag tcggacttct ccttctcctt catgtgcaag aagacgatgc 300
tgaagatgaa gagccccagc atcatggaga aggcgctggc gtagtagggg taggccgagg 360
ggatgaagcg ctcatactgc gtgtgctgga gtggccgcac ggatacctga gtggaagagt 420
acaggtgtgt gtagcctagc cggttgtaat ccactttaaa ctggaataca ccatacacgt 480
cgggcaactt gaactgaaca ctgtatttgc cacctttctt c 521

<210> 927
<211> 520
<212> DNA
<213> Homo sapien

<400> 927
ccaggctagt ctcgaactcc tgacctcagg tgatctgcct gcctcggcct cccaaagtgc 60
tgggattacc ggcgtgagcc accatgcctg gccttacatt ttttaaaatg agggaacaaa 120
tgaataaatg accaccatgt taggggctgg ctctgaacag aattgtaaag tgggccaagc 180
ttgctctcaa ggtcacctta agcccacggt tgctgtgtcc tgccctctca gggtcatttc 240
ccagcctcca ggcacctgtt cacagaggct gcatctggcc tcgcctccac ccctccatcc 300
taaggtgctc cgctgactta gaacaggaca gtcagggaga gaatgtgtct caggagggtg 360
gagtcagatg atcacggcct tcctggcatc tgaggggata cagcttcggg tagcaaagtg 420
tgattttccc tgagccccag gaaagcttgg ccttggtcag aatacattga accctgaggg 480
ccagagagtc cctggggcaa gctctgagag ggaggacctc 520

<210> 928
<211> 492

<212> DNA
<213> Homo sapien

<400> 928
ctgagctttc agcagataaa tcacagcaga aatagaatca ccctaggact ttcaatcaaa 60
agctggaagt ccaccttaca gaaagacaaa aagaaacccc tttttatatc ttaacaaagc 120
aatagctctc aagcagcaga gcatctcgag gaagaaagct tgcccggtcg ccatcccatc 180
atgccagagc gtgcagtgtc caccttgac tacgctgggg aattgctgat tttttgaaaa 240
agcttaactt aacaatttct gatgtctatc ttttagagtt ctgtatgttc ccatttttta 300
ttcttctgaa ttttgaattg caagtagctg taaaatccaa tctctgagtg catgggggtg 360
ggtgtgaggc ggggctcagc ttcaaccccc tgtcctgtaa agcagtggct ggtttttcct 420
gagcccagcc ctgggaggtc gtggtaggtg tggaggctgc agagctcctc cagatgctgc 480
cctcgctgtg cc 492

<210> 929
<211> 209
<212> DNA
<213> Homo sapien

<400> 929
ttttttcacc atctaacaaa ggcactttat tgcattacca ttcacaatta acagtcaaga 60
acaaataata ataacaaata aaataacttt taagaggaca aggcattaga aataaaaaag 120
gacactaata acatttgtaa aagcttgtac tggatgtggt tgcccccatt tgtgtgtgtg 180
gttgtgtgtg tgtggttgtg tgttggtgg 209

<210> 930
<211> 617
<212> DNA
<213> Homo sapien

<400> 930
cgcgtccttt aacaagcccc gttctcaaaa ggctgggggt atttatataa gaacttattc 60
caaagtgact ctaagatcca tgttcccaag atctagtacg ggctattcat ggttctgagg 120
catgtccagc atgcaggcaa acttatctgt tcaaattgag gtaaaacaga caaaaaacac 180
ttaatattaa cagaagctac ataattaaaa ctaaccttct gctgcttatt taagctaatg 240
atgtattctt accaaacaga gaccctcaag tcaatcattt cttttgattt tagttaccac 300
ccccaaatta agcctcttct ttcaaagcca ttattagtta aaaaaaagtt ttaaaatgaa 360
gaaaaatatt ttttccagaa cttgtatttt gtaattagtg tgatgcaatt tctttttatt 420
tttcaaactt agaaataact catgtatggt actatttggt attttttttca gataccaagg 480
aataccgaca ggattcataa ataggatttt ctgacactgg caggaaagtc tgctaacgtt 540
tacaaaatac caaagactct tctttcaagc ttcaaagatg gctgagaatt aacagttatg 600
attagttttt cagtaca 617

<210> 931
<211> 521
<212> DNA
<213> Homo sapien

<400> 931
ccaacaaaat tggtgaacac atggaagaac atggcatcaa gtttataaga cagttcgtac 60
caattaaagt tgaacaaatt gaagcaggga caccaggccg actcagagta gtagctcagt 120
ccaccaatag tgaggaaatc attgaaggag aatataatac ggtgatgctg gcaataggaa 180
gagatgcttg cacaagaaaa attggcttag aaaccgtagg ggtgaagata aatgaaaaga 240
ctggaaaaat acctgtcaca gatgaagaac agaccaatgt gccttacatc tatgccattg 300

gcgatatatt ggaggataag gtggagctca ccccagttgc aatccaggca ggaagattgc 360
tggctcagag gctctatgca ggttccactg tcaagtgtga ctatgaaaat gttccaacca 420
ctgtatttac tcctttggaa tatggtgctt gtggcctttc tgaggagaaa gctgtggaga 480
agtttgggga agaaaatatt gaggtttacc atagttactt t 521

<210> 932
<211> 197
<212> DNA
<213> Homo sapien

<400> 932
ccttgtgacc aattacatat gattaaaatt acttcccaca ttcacatcca cagtactcgt 60
ccaccattta acatctcaac caaaacgtta cacatgtgaa acaatcacta acaggcaaaa 120
atactaaacc tgtatatttg gtattgcaaa tacacttatg catgagcaag caagggattc 180
acagtgagaa tctacag 197

<210> 933
<211> 610
<212> DNA
<213> Homo sapien

<400> 933
cctcatttta acaatatctt ttttttgctc ttctgcttcc aaaccttatt tgccaatgta 60
atgcctttat ataaagttct tatgatgaat gaaaaacttt caagtgctgt tgcctcatta 120
aatgcattat ttattaattt aacttctagt actctcgata aagagccagt gaaatgagtt 180
attgagttcc agggaaaaaa atgagaacat aattttgaat ttattatctc tctatacaca 240
cacagttcat aattggatta catataataa taatatcaac aagtctatca gtatcgaagt 300
tggatactgg taatttctca tgtgaggctc ttgtgtcaca gtcagcatag atttctggag 360
catttgtctg ttgatctttt ggtggcctca aacctcatta agtggtgtgg gagatgctgt 420
ttctgccatg tgagaatgtg atggcagaat taacacaacc ccaccagggg tacaacagag 480
cactttacat ccaaaggcag agagggacac agcaatgcag aattccagca cacttaagag 540
gagcaccatg ccatccagac ccattaagat ggacatagtc ccatgacaat tatttgagtt 600
gccatagtag 610

<210> 934
<211> 384
<212> DNA
<213> Homo sapien

<400> 934
ctgctaccag gggagcgaga gctgactatc ccagcctcgg ctaatgtatt ctacgccatg 60
gatggagctt cacacgattt cctcctgcgg cagcggcgaa ggtcctctac tgctacacct 120
ggcgtcacca gtggcccgtc tgcctcagga actcctctga gtgagggagg aggggctcc 180
tttcccagga tcaaggccac agggaggaag attgcacggg cactgttctg aggaggaagc 240
cccgttggct tacagaagtc atggtgttca taccagatgt gggtagccat cctgaatggt 300
ggcaattata tcacattgag acagaaattc agaaagggag ccagccaccc tggggcagtg 360
aagtgccact ggtttaccag gcag 384

<210> 935
<211> 125
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 935
nttaaaattc atggaagtaa tannacagta ataaaatatg gatactatga aaactgacac 60
acagaaaaac ataaccataa aatattgttc caggatacag atattaatta agagtgactt 120
cgtta 125

<210> 936
<211> 546
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 936
gcccatgcca gcgtgtggtc agcacgcaca acttgtggct gctgtccttc ctgaggaggt 60
ggaatgggag cacagccatc acagacgata ccctgggtgg cactctcacc attacgctgc 120
ggaatctaca accccatgat gcgggtctct accagtgcca gagcctccat ggcagtgagg 180
ctgacaccct caggaaggtc ctggtggagg tgctggcagg ttctcccgcc aaggttctcc 240
ccctgcctcg aggaggaagg ggctggaggc tcatggctct gcctcccata gacccccctgg 300
atcaccggga tgctggagat ctctggttcc ccggggagtc tgagagcttc gaggatgccc 360
atgtggagca cagcatctcc aggagcctct tggaaggaga aatcccccttc ccacccactt 420
ccatccttct cctcctggcc tgcatctttc tcatcaagat tctagcagcc agcgccctct 480
gggctgcagc ctggcatgga cagaagccag ggacacatnc acccagtgaa ctggactgtg 540
gacctc 546

<210> 937
<211> 550
<212> DNA
<213> Homo sapien

<400> 937
caccaatcaa aattcctgtt ggtcctgaga ctttgggcag aatcatgaat gtcattggag 60
aacctattga tgaaagaggt cccatcaaaa ccaaacaatt tgctcccatt catgctgagg 120
ctccagagtt catggaaatg agtgttgagc aggaaattct ggtgactggt atcaaggttg 180
tcgatctgct agctccctat gccaagggtg gcaaaattgg gctttttggt ggtgctggag 240
ttggcaagac tgtactgatc atggagttaa tcaacaatgt cgccaaagcc catggtggtt 300
actctgtgtt tgctggtgtt ggtgagagga cccgtgaagg caatgattta taccatgaaa 360
tgattgaatc tggtgttatc aacttaaaag atgccacctc taaggtagcg ctggtatatg 420
gtcaaatgaa tgaaccacct ggtgctcgtg cccgggtagc tctgactggg ctgactgtgg 480
ctgaatactt cagagaccaa gaaggtcaag atgtactgct atttattgat aacatctttc 540
gcttcaccca 550

<210> 938
<211> 192
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 938
tttttttttt tttttttttt tttttttngg aaaaagccca aaaggcactt tattggaggt 60
ctntgcctcc attcacagga aaaaggagct gggagcccca tcctaagggt cccagcatca 120
gcccactgga gggcctggaa cagtccanca ctntgtggga aaggagtggg gaggggaatg 180
ttttaaaaaa aa 192

<210> 939
<211> 337
<212> DNA
<213> Homo sapien

<400> 939
ccaaaatatt ggaacacaca gaaccaaacc aggtgtgttc tacacctgca tgagtgaagg 60
atttccacgt agacacctag gaagagcccg catgccctag actcactcca gaggaaggat 120
tgatttgcaa ccagaaaggg agctgaaaac cacggagctc catggctctt cattcaaaag 180
ggaaaataat gattccacgt tgctttttag agttcaaatc aacatctttc tggataaatc 240
tatttttaa caatcttttt attatttgta aaagatataa aaacaactcc catcagtagc 300
aatacaaggt tatacatttt aaccagattt tctcagg 337

<210> 940
<211> 362
<212> DNA
<213> Homo sapien

<400> 940
cctgtccaaa cgtgcgcacc aggaccgagg ggagctccct cccaacacct gctaggaatt 60
gccaactttt aaatggatgg ggtttttat gggttgaacc tctgttaata cttttgtaca 120
ctctcactac agtttatatt tttataggct attttctcaa ggtgtttcta gattccacat 180
atctatttta tataacaagt tattatgtta tgtgtgtgac tcccttgtgt gtatctgtgc 240
cagcctcagc ctccgagttg cttttccctc tggccctgac tctcactgac tcaccgatgt 300
ggtgtgcagg cccacttctt accccagata gcctcgggcg ctgcctgtag tcatgccgac 360
ag 362

<210> 941
<211> 216
<212> DNA
<213> Homo sapien

<400> 941
ctggacatct ttccagcccg ggatacctac catcctatga gcgagtaccc cacctaccac 60
acccatgggc gctatgtgcc ccctagcagt accgatcgta gcccctatga gaaggtttct 120
gcaggtaatg gtggcagcag cctctcttac acaaacccag cagtggcagc cacttctgcc 180
aacttgtagg ggcatgtcgc ccgctgagct gagtgg 216

<210> 942
<211> 324
<212> DNA
<213> Homo sapien

<400> 942

ctgattggct tcaggccccc tacctctata aactctacca gcattactac ttcctggaag 60
gtcaaattgc catcctatat gtctgtggcc ttgcctctac agtcctcttt ggcctagtgg 120
cctcctccct tgtggattgg ctgggtcgca agaattcttg tgtcctcttc tccctgactt 180
actcactatg ctacttaacc aaactctctc aagactactt tgtgctgcta gtggggcgag 240
cacttggtgg gctgtccaca gccctgctct tctcagcctt cgaggccagg gagcctcaaa 300
tcttcagtct ctcagagacc acag 324

<210> 943
<211> 597
<212> DNA
<213> Homo sapien

<400> 943
ctgacaaaat tcctgggtta ctaggtgtct ttcagaagct gattgcatcc aaagcaaatg 60
accaccaagg tttttatctt ctaaacagta taatagagca catgcctcct gaatcagttg 120
accaatatag gaaacaaatc ttcattctgc tattccagag acttcagaat tccaaaacaa 180
ccaagtttat caagagtttt ttagtcttta ttaatttgta ttgcataaaa tatggggcac 240
tagcactaca agaaatattt gatggtatac aaccaaaaat gtttggaatg gttttggaaa 300
aaattattat tcctgaaatt cagaaggtat ctggaaatgt agagaaaaag atctgtgcgg 360
ttggcataac caaattacta acagaatgtc ccccaatgat ggacactgag tataccaaac 420
tgtggactcc attattacag tctttgattg gtctttttga gttacccgaa gatgatacca 480
ttcctgatga ggaacatttt attgacatag aagatacacc aggatatcag actgccttct 540
cacagttggc atttgctggg aaaaaaagag catgatcctg taggtcaaat ggtgaat 597

<210> 944
<211> 359
<212> DNA
<213> Homo sapien

<400> 944
ctggaagagg aaaaggagat actgcagaaa gaactctctc aacttcaagc tgcacaggag 60
aagcagaaaa caggtactgt tatggatacc aaggtcgatg aattaacaac tgagatcaaa 120
gaactgaaag aaactcttga agaaaaaacc aaggaggcag atgaatactt ggataagtac 180
tgttccttgc ttataagcca tgaaaagtta gagaaagcta aagagatgtt agagacacaa 240
gtggcccatc tgtgttcaca gcaatctaaa caagattccc gagggtctcc tttgctaggt 300
ccagttgttc caggaccatc tccaatccct tctgttactg aaaagaggtt atcatctgg 359

<210> 945
<211> 367
<212> DNA
<213> Homo sapien

<400> 945
caggatctga agtttggggt cgagcaggat gttgatatgg tgtttgcgtc attcatccgc 60
aaggcatctg atgtccatga agttaggaag gtcctgggag agaagggaaa gaacatcaag 120
attatcagca aaatcgggaa tcatgagggg gttcggaggt ttgatgaaat cctggaggcc 180
agtgatggga tcatggtggc tcgtggtgat ctaggcattg agattcctgc agagaaggtc 240
ttccttgctc agaagatgat gattggacgg tgcaaccgag ctgggaagcc tgtcatctgt 300
gctactcaga tgctggagag catgatcaag aagccccgcc ccactcgggc tgaaggcagt 360
gatgtgg 367

<210> 946
<211> 335
<212> DNA

<213> Homo sapien

<400> 946
ccacagaggt ggtattacaa aatatacaaa gtggtttctt tctttacatt tcatagaaga 60
agcctgcctc atttccaaat gagagcacta gaagcacaaa tcatgcagac catttactat 120
ataacttatg aaaaatgctg tacagggctg tgactataga tatagagtat ttggctctgt 180
ttgggaattg atatctacaa gggggagggt caggggagga ctgtccgata tcctgacttg 240
ctgggatggt ggagaagctg ggatgggggа ggccccaatc ttgctgcacg gctacaccca 300
ctcctccttt cctagacaag gctggagcgc actgg 335

<210> 947
<211> 384
<212> DNA
<213> Homo sapien

<400> 947
cctcttggag cacatccttt actgcattgt ggacagcgag tgtaagtcaa gggatgtgct 60
ccagagttac tttgacctcc tgggggagct gatgaagttc aacgttgatg cattcaagag 120
attcaataaa tatatcaaca ccgatgcaaa gttccaggta ttcctgaagc agatcaacag 180
ctccctggtg gactccaaca tgctggtgcg ctgtgtcact ctgtccctgg accgatttga 240
aaaccaggtg gatatgaaag ttgccgaggt actgtctgaa tgccgcctgc tcgcctacat 300
atcccaggtg cccacgcaga tgtccttcct cttccgcctc atcaacatca tccacgtgca 360
gacgctgacc caggagaacg tcag 384

<210> 948
<211> 173
<212> DNA
<213> Homo sapien

<400> 948
ctgtggaggg gacactgtct ttgaggcatc actggttcca caaagggtag gggaaggtct 60
tgagggacca ccccatgccc tcattaatca accagaagct tggcctggag cagcagcggg 120
gattccagta gctgtgggca tacaggatgc tagggcggcc acaacccagg cag 173

<210> 949
<211> 211
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(211)
<223> n = A,T,C or G

<400> 949
ccatccacgt tgnnaaacag aataaaatgg aaattcacct tgtcatctac ccgacattgg 60
ccttcctgtg ccacggcatc atgggctgcc tgtatggcct cattcttttc aaagcatttt 120
gctctgtctt caggggacat tttctctgtt tcagaaagaa actgtttcag aactgatcca 180
tcctcaaatc ccagtttgtc ttgattattg g 211

<210> 950
<211> 382
<212> DNA
<213> Homo sapien

<400> 950
cctcatcgtg agtcaggacg tggtgaaagc tgcagtggct gctgtgctct ctccagaaga 60
attcatggtc ctgttggact ctgtgcttcc tgagagtgcc catcggctga agtcaagcat 120
cgggctgatc aatgaaaagg ctgcagataa gctgggatct acccagatcg tgaagatcct 180
aactcaggac actcccgagt tttttataga ccaaggccat gccaaggtgg cccaactgat 240
cgtgctggaa gtgtttccct ccagtgaagc cctccgccct ttgttcaccc tgggcatcga 300
agccagctcg gaagctcagt tttacaccaa aggtgaccaa cttatactca acttgaataa 360
catcagctct gatcggatcc ag 382

<210> 951
<211> 473
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(473)
<223> n = A,T,C or G

<400> 951
cctctctgcc aggcaaagga gggagctgcg gctctttgac attaaaccag agcagcagag 60
atacagcctt ttcctccctc tccatgaact ctggaaacag tacatcaggg acctgtgcag 120
tgggctcaag ccagacacgc agccacagat gattcaggcc aagctcttaa aggcagatct 180
tcacggggct attatttcag tgacaaaatc caaatgcccc tcttatgtgg gtattacagg 240
aatccttcta caggaaacaa agcacatttt caaaattatc accaaagaag accgcctgaa 300
agttatcccc aagctaaact gcgtgttcac tgtggaaacc gatggcttta tttcctacat 360
ttacgggagc aaattccagc ttcggtcaag tgaacggtct gcgaagaagt tcaaagcgaa 420
nggaacgatt gacctgtgaa ttctttgccg tctaangcag ttgtttatga cag 473

<210> 952
<211> 312
<212> DNA
<213> Homo sapien

<400> 952
ctgatgggtc tcatagtcct ctgggatggt gtcattgcag cggtaacgca ggttggccca 60
gatgatgttc tcctgggaga agcagaagac ccccaagcgg ccaccccgca tggttgtgtc 120
caagaccacg ttgctgtcgg ccaccagctc agggccctca tagaatcgca ccctgatgta 180
gcccacttgg ggccggtgct gcaggaacca acgataggac ttcttgtcct tccaacccac 240
gtttcgcggg tccttccaca gcagccgcac ctgagactct gtgtctcctg tatgccacag 300
agcgttccgc ag 312

<210> 953
<211> 397
<212> DNA
<213> Homo sapien

<400> 953
cgcgtccact gccgaccctc ttggtttctg aaaccaacct ttcttcctgc tctcctcttt 60
aagagcaaac cccaacatgt ataaggtcac agcaagtggt agccaggaaa agctgtggga 120
cccctcattt gagtcacatc catatggcat ggagaaagaa aacctctctg ccagaaggaa 180
ctgaactctg gaagtcctaa ggaaggtcac catgatcagc agataggaaa gcattgccaa 240
gggctgtccc tcaagagctt agttttctta gggagaccag aaagacatca gatcctgact 300

gccctgtttt gctcaagttc tgaaatgagt ggcatgatga agagctggtg gagctgaggg 360
aaagagtcaa ccatgtgggg tggggtagtg aggaagg 397

<210> 954
<211> 304
<212> DNA
<213> Homo sapien

<400> 954
cctttgtacc gggccagcaa ctggaagggc acagtgtgga attccagggc ctgcagagtc 60
ttcttctgga acagggcctc gtggctccag tacagggaca ggttgaactg cagctcaaag 120
agctcctcag ggagcatcat ggggaagcgg atcttctcca ccaagccctc cacctcctca 180
tgggaggcac gctcccccca gctccaggtg tccacggcct tcagtagggc cagctcgctg 240
ggcaccgcca ggtcgctcct gggcagcagc agttggagca ggtctgtggg gacactgggc 300
cagg 304

<210> 955
<211> 156
<212> DNA
<213> Homo sapien

<400> 955
ctgtttcaac tccctgccaa gaaaaatgta gatgcaattc tggaggagta tgcaaattgc 60
aagaaatcgc agggaaatgt tgataataag gaatatgcgg tcaatgaagt tgtggcagga 120
ataaaagaat atttcaatgt gatgttgggc actcag 156

<210> 956
<211> 543
<212> DNA
<213> Homo sapien

<400> 956
ctttcatctg accatccata tccaatgttc tcatttaaac attacccagc atcattgttt 60
ataaccagaa actctggtcc ttctgtctgg tggcacttag agtcttttgt gccataatgc 120
agcagtatgg agggaggatt ttatggagaa atggggatag tcttcatgac cacaaataaa 180
taaaggaaaa ctaagctgca ttgtgggttc tgaaaaggtt attatacttc ttaacaattc 240
ttttttttcag ggacttttct agctgtatga ctgttacttg accttctttg aaaagcattc 300
ccaaaatgct ctattttaga tagattaaca ttaaccaaca taatttttt tagatcgagt 360
cagcataaat ttctaagtca gcctctagtc gtggttcatc tctttcacct gcattttatt 420
tggtgtttgt ctgaagaaag gaaagaggaa agcaaatacg aattgtacta tttgtaccaa 480
atctttggga ttcattggca aataatttca gtgtggtgta ttattaaata gaaaaaaaaa 540
att 543

<210> 957
<211> 528
<212> DNA
<213> Homo sapien

<400> 957
ctgtgatcaa gatgtattaa aagaatatga aagagcatct gggttattct agaagttctg 60
tgatcaaaac atattaaaaa aaattaaagc gcatctgggt tattctagaa gttcctgggc 120
tttatacttg gatatttaca gaggaagttg aacttcaagt tctgccactc ttcaaaatgg 180
gtgacaggag aggacgtgat aggacagtta aaaaaaaatt gatagtcatt ctctgatgga 240
gtgaagcaag ctttgtcaac catcaacaaa tatgacttca ttggtcacaa gccctgcaga 300

gatccaacaa gatttgagtt ttaaatacag aacatatttc aaacagaacc agcagagtgc 360
tgatgtatga atggaattga ttgctgaagg cagagagtat aaagaatctc aagaaacttt 420
tagtgccatt ttcatttaat aagccattgg tatagcaacc taaaaacctt ggctgtgatg 480
acaccaggat gtgtttatgg aattgctgca ggagaacaca attggcag 528

<210> 958
<211> 451
<212> DNA
<213> Homo sapien

<400> 958
ctgtctgacc atggggacct tctgtctgaa gaggagctgg atgaatgaga ctctgggaat 60
catctacaca ggaccaaacc caacaggcgc cctggcaccg gggaggcggg tagttgtact 120
ctgcttgtac agtccttgag cccagtttac agatctggag agcaggaggc caggacaagg 180
acaaaggctg gaggatggag taggacccag gggctctgcc atcctaggca tcattcaagg 240
tcttttatga agactttaca gatgtcctct gtaagtagca tcgagagtgg agttcagctc 300
ctttctctac tttttttttgg tctgatggca catatttatt gttctgtggt ctaatcacag 360
tgtttctaaa tgtaaaaagt gcatatgttg gtgtagctag tcccgcgaca ttgagctcct 420
ctgcatgaag acactgggct cctgcatcca g 451

<210> 959
<211> 158
<212> DNA
<213> Homo sapien

<400> 959
ccagaccaag gctgctggac ctatgggaat attcgggtgt ctgtagagga tgtgactgtc 60
ctggtggact acacagtacg gaagttctgc atccagcagg tgggcgacat gaccaacaga 120
aagccacagc gcctcatcac tcagttccac tttaccag 158

<210> 960
<211> 235
<212> DNA
<213> Homo sapien

<400> 960
ctgagcaggg aatccggccg gaggaaggag cagcttaccg actgcgggtg ttcaccacag 60
gccaggccct aatatgcacc cactagttta gctcagactc ctctctacat atgaatggca 120
aaggcacttt tgatatacac tgtaaaatac actgtatttt agaatcggaa tctattttct 180
aatgttcccc tcaagggctg agtggcagga aggttgagga tgcaggactt tgcag 235

<210> 961
<211> 375
<212> DNA
<213> Homo sapien

<400> 961
cctggaaaga aaagggatat gtccagcgac ttggagagag accatcgccc tcatgttagc 60
atgccccaga atgccaacta aactcctccc tttccttcct aatttccctt cttgcatcct 120
tcctataact tgatgcatgt ggtttggttc ctctctggtg gctctttggg ctggtattgg 180
tggctttcct tgtggcagag gatgtctcaa acttcagatg ggaggaaaga gagcaggact 240
cacaggttgg aagagaatca cctgggaaaa taccagaaaa tgagggccgc tttgagtccc 300
ccagagatgt catcagagct cctctgtcct gcttctgaat gtgctgatca tttgaggaat 360
aaaattattt ttccc 375

<210> 962
<211> 409
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 962
ctggggaggc cccncgggcc tctcangtgg acaggtccag gcattggttg aagctggatg 60
aagctggggc ctnngctcct nctcatcaaa tacagatcac tgngaccctg tcctcctcca 120
tggtgctggt ctcctcggcc ccactgcccc tgcttctgct ttcttcctcc acctcctcct 180
cccccagctc catgtccagc tcgttgcctg cctctgaggg tgtgtaggtg gagccactga 240
tggaacggca gctaaagaag acgattcgct tgagccgctt gttgtagaag aagtagttga 300
aggaccagag gctaccatcc tccccgaagg gatctgagtc caagtctggg ttatagctgt 360
agatgtcaca ttcagccagg cagatctcct cgtccaccgc gttccacag 409

<210> 963
<211> 163
<212> DNA
<213> Homo sapien

<400> 963
gccatggcgt cctatttcga tgaacacgac tgcgagccgt cggaccctga gcaggagacg 60
cgaaccaaca tgctgctgga gctcgcaagg tcacttttca ataggatgga ctttgaagac 120
ttggggttgg tagtagattg ggaccaccac ctgcctccac cag 163

<210> 964
<211> 344
<212> DNA
<213> Homo sapien

<400> 964
ccactggctg agttattggc ctggcaggta tagagtccgc tgttcttctc agtgatgttg 60
gagataaaga gctcttgtgt gtgttgctgg atgttcccat caatcagcca agaatactgt 120
gcaggtgggt tagaggctgc atggcaggag aggctgaggt tcacccctgg acggtaatag 180
gtgtatgagg gggaaatggt ggggtcgtct gggccataga ggacattcag gatgactggg 240
tcgctgtggt caacacttaa ttcgttctgg attccacact catagggtcc tacatcattc 300
cttgtgacac tgagtagagt gagggtcctg ttgtcattgg acag 344

<210> 965
<211> 461
<212> DNA
<213> Homo sapien

<400> 965
ctgagctttc agcagataaa tcacagcaga aatagaatca ccctaggact ttcaatcaaa 60
agctggaagt ccaccttaca gaaagacaaa aagaaacccc tttttatatc ttaacaaagc 120
aatagctctc aagcagcaga gcatctcgag gaaggaagct tgcccggtcg ccatcccatc 180
atgccagagc gtgcagtgtc cacccttgac tacgctgggg aattgctgat tttttgaaaa 240
agcttaactt aacaatttct gatgtctatc ttttagagtt ctgtatgttc ccattttta 300

ttcttctgaa ttttgaattg caagtagctg taaaatccaa tctttgagtg catgggggtg 360
ggtgtgaggc ggggctcagc ttcaaccccc tgtcctgtaa agcagtggct ggtttttcct 420
gagcccagcc ctgggaggtc gtggtaggtg tggaggctgc a 461

<210> 966
<211> 246
<212> DNA
<213> Homo sapien

<400> 966
cctttcacag acactaccat tgagtgggtt gatgcaggtt gcagccttca gtccccgagt 60
actgggttct gataaaattc cacagaatcc agcatcactg ggctcagacg gcatccactg 120
tagtaaacta tttgtaaatg gggacatatc ttcccagcac cagtaggaca cattgatctt 180
ccgaaggccg acccatgggg ttaaggtgag cttggacatg ctctgagatg actgcattat 240
tcgcag 246

<210> 967
<211> 244
<212> DNA
<213> Homo sapien

<400> 967
ctggagcatt ggcagggaca gtcagaaagg agacaagtga aaacggtcag atggacacag 60
gcggaggaga aaagacagag ggagagagac catcgggaac aatcagaggg gccgagacga 120
tcagaaaagg gtcagcccga gacaggctga gccagagttt ctagaagcag tttccaattc 180
aacggctcgc tttgagggcc aacgtgtcct aggccgaggc tgcagaagcg ctcacacact 240
cacg 244

<210> 968
<211> 436
<212> DNA
<213> Homo sapien

<400> 968
ccaaagtctt taccctattt aacccccttgt atatttctga ctgctcactg ttcatattat 60
aggggaccag atttgtaata tagaattctc cataacatga atgaaattaa tgctgtccaa 120
gccagcatgg tggcttcata ttaagtagta acagaagtct gaacaattgg ataaatttga 180
cttccaagac agctaaactt ttcaactgca attttaaaaa ctacactaca ctgttatagt 240
taatctgaca aaaatgtcct caaagagtac tttattttat ttaaagcatc tgtttaattc 300
aacctttaat aattttgcaa agaagggtac gtgtgtattt taatatagcc tgacctgaat 360
ttatatgttt ttagctttag tatttaactt tttgtaacaa ataaaccttt tttaaaacaa 420
gtttaaaaaa gaaaaa 436

<210> 969
<211> 383
<212> DNA
<213> Homo sapien

<400> 969
ctggctccct tgtctccagg gctttggagg atcagggtag ggagggctct gtctctaagc 60
caggtgtcag gatcagaatc atgggtagaa ggtgccattc agctcacagc cgcacccaga 120
atcctttgca gccctccttc tttatttttt tcccattgca ttctgggagt ccacatctgg 180
ctttctcagc cactgttcat caccaggggt tttaggagga aggcttggct cctgtcttcc 240
cagacccacc atgcctggag aggtcaggat ggaactacct cattcggcga attagcccca 300

aattgaacgc tgaatcgtgt cccatgagat caggcgccat ctgtaaagtc tcctctggaa 360
atgccaatcc atccttcccc cag 383

<210> 970
<211> 543
<212> DNA
<213> Homo sapien

<400> 970
ctgtagcttt tgtgggactt ccactgctca ggcgtcaggc tcaggtagct gctggccgcg 60
tacttgttgt tgctttgttt ggagggtgtg gtggtctcca ctcccgcctt gacggggctg 120
ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacttat gagacacacc 180
agtgtggcct tgttggcttg aagctcctca gaggagggcg ggaacagagt gaccgagggg 240
gcagccttgg gctgacctag gacggtcagc ctggtccctc cgccgaacac cgaagtgcta 300
ctgtttgtat atgagctgca gtaataatca gcctcgtcct cagcctggag cccagagatg 360
gtcagggagg ccgtgttgcc agacttggag ccagagaagc gattagaaac ccctgagggc 420
cgatcagtga catcataaat catgagtttg ggggctttgc ctgggtgctg ttggtaccag 480
gagacatagt tataaaaacc aacgtcactg ctggttccag tgcaggagat ggtgatcgac 540
tgt 543

<210> 971
<211> 416
<212> DNA
<213> Homo sapien

<400> 971
ccagactgac ttcaaaaaat taatgtgtat ccagggacat tttaaaaacc tgtacacagt 60
gtttattgtg gttaggaagc aatttcccaa tgtacctata agaaatgtgc atcaagccag 120
cctgaccaac atggtgaaac cccatctgta ctaaacataa aaaaattagc ctggcatggt 180
ggtgtacgcc tgtaatccca gtgacttggg aggctgaggc aggagaatcg cttgaacccg 240
ggaggcggag gttgcagtga gctaagatcg caccactgta ctccagcctg ggcaacagcg 300
agactccatc tcaaaaaaaa aggaaatgtg tatcaagaac atgattatcc aggggtattt 360
tctaattcag atcatcaaac tgattatata gaagagttgg ctttaaaatg tttgca 416

<210> 972
<211> 242
<212> DNA
<213> Homo sapien

<400> 972
ccaaaaatcc caaaacatca ttttcaatca gtagagaagt gcttagggtt gaaaattgat 60
ttcatttgct actgaatttg gtaaatcctg ggtaactttt atcaagatga agacatttta 120
ccctacctac tctagaaata tacaacaatg ttatatttta cactccttgg aaacatttga 180
ggaaaaaaat gcaatttgca cttcactttg ttggaatatc ccatagcact caataaactc 240
ag 242

<210> 973
<211> 347
<212> DNA
<213> Homo sapien

<400> 973
cctgcagggg atggaacctt ccagaagtgg gcggctgtgg tggtgccttc tggagaggag 60
cagagataca cctgccatgt gcagcatgag ggtctgccca agcccctcac cctgagatgg 120

gagctgtctt cccagcccac catccccatc gtgggcatca ttgctggcct ggttctcctt 180
ggagctgtga tcactggagc tgtggtcgct gccgtgatgt ggaggaggaa gagctcagga 240
cattttcttc ccacagatag aaaaggaggg agttacactc aggctgcaag cagtgacagt 300
gcccagggct ctgatgtgtc tctcacagct tgtaaagtgt gagacag 347

<210> 974
<211> 571
<212> DNA
<213> Homo sapien

<400> 974
gaaagagcga gatgcgagaa cacttttggc taaaaatctc ccttacaaag tcactcagga 60
tgaattgaaa gaagtgtttg aagatgctgc ggagatcaga ttagtcagca aggatgggaa 120
aagtaaaggg attgcttata ttgaatttaa gacagaagct gatgcagaga aaacctttga 180
agaaaagcag ggaacagaga tcgatgggcg atctatttcc ctgtactata ctggagagaa 240
aggtcaaaat caagactata gaggtggaaa gaatagcact tggagtggtg aatcaaaaac 300
tctggtttta agcaacctct cctacagtgc aacagaagaa actcttcagg aagtatttga 360
gaaagcaact tttatcaaag taccccagaa ccaaaatggc aaatctaaag ggtatgcatt 420
tatagagttt gcttcattcg aagacgctaa agaagcttta aattcctgta ataaaaggga 480
aattgagggc agagcaatca ggctggagtt gcaaggaccc aggggatcac ctaatgccag 540
aagccagcca tccaaaactc tgtttgtcaa a 571

<210> 975
<211> 221
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(221)
<223> n = A,T,C or G

<400> 975
ctggaggtgc ctcanaaggt gcattctgct tcctgcaggg gcttgaaaca ccaaggcact 60
ccagggatcc tggagtcaaa gcagcagccc cggttgttgc actccttggg ggtgacatgg 120
gggtagccgc agtccaccct gtccttggct ggcacggcac actggtttgc agacaggccc 180
acgtactcct cagcagagct ggaggacagc aaggccagga c 221

<210> 976
<211> 316
<212> DNA
<213> Homo sapien

<400> 976
ccatcagatt gtcacagact tttataaccc tttgatccct accaacgtta agtatgagtt 60
tggccctgcc atcttcattg gctgggcagg gtctgcccta gtcatcctgg gaggtgcact 120
gctctcctgt tcctgtcctg ggaatgagag caaggctggg taccgtgcac cccgctctta 180
ccctaagtcc aactcttcca aggagtatgt gtgacctggg atctccttgc cccagcctga 240
caggctatgg gagtgtctag atgcctgaaa gggcctgggg ctgagctcag cctgtgggca 300
gggtgccgga caaagg 316

<210> 977
<211> 335
<212> DNA

<213> Homo sapien

<400> 977
cctgtttgtc tgtacagcaa tgcagatgcg caggcccatc ctggtggagg acccagatgc 60
agggagcaaa tattcgggtt gtgttgctaa gagtcgcagg aactactgct agtgatacta 120
ggcttgctgc aggaggatgt cacgctgaga aagggagatg actaggagca gaaaaagtac 180
tctcactgtt ccagcttcca gcccaatcct agcagaatga atgcatttta aaatcagtcc 240
acattcacat gtgctgagaa ggttgttagt ggtccctcat ctgggcaaag cagacccaag 300
atggtgctaa gtgcagagtg cagagcattc ttgtg 335

<210> 978
<211> 280
<212> DNA
<213> Homo sapien

<400> 978
cctaacaccc aagctcttcc ttgcagaaga gctgagatgc taaggagacc atctggagtg 60
tcataataag ccccttgggat ttgctgagct cccacatggc tttcttcaac cacctggccc 120
actttcttca accacattcc actttggaat gcgtgtcttt aaggcaccaa gtgatcttaa 180
gaatgggctc tgtttttgaa ttcagcaatc caagttccta tctatctcgg tgggacctcc 240
aaaaaaaaga aaaaggattg gcttggcttc taatgtaagg 280

<210> 979
<211> 318
<212> DNA
<213> Homo sapien

<400> 979
ctgtccagat gacagtaaga ttccactgtc tgtaatcctc atggtgccag gtctcctggg 60
gcatctaggg caatgatgct actgcagttt atgcagttac acagtcaagt ctgtgccaaa 120
ggaggtccca tccggcggcc aggtttctgt tcagtctggg gagcaatgcc aactggctgc 180
ccccatagcc tggcatgagc tgatggccca gtgcaatccc aaagcaaaga agggcagaac 240
tgggccaaga agctgtggta atttgctctc cctgcctccg acagcgtcgt cctctccttt 300
tgcagcccca cacgcagg 318

<210> 980
<211> 568
<212> DNA
<213> Homo sapien

<400> 980
ccagcactgg ctccttgatg gttttcctag gacattagga caagccgaag ccctggacaa 60
aatctgtgaa gtggatctag tgatcagttt gaatattcca tttgaaacac ttaaagatcg 120
tctcagccgc cgttggattc accctcctag cggaagggta tataacctgg acttcaatcc 180
acctcatgta catggtattg atgacgtcac tggtgaaccg ttagtccagc aggaggatga 240
taaacccgaa gcagttgctg ccaggctaag acagtacaaa gacgtggcaa agccagtcat 300
tgaattatac aagagccgag gagtgctcca ccaattttcc ggaacggaga cgaacaaaat 360
ctggccctac gtttacacac ttttctcaaa caagatcaca cctattcagt ccaaagaagc 420
atattgaccc tgcccaatgg gagaaccagg aagatgtggt cattcattca atagtgtgtg 480
tagtattggt gctgtgtcca aattagaagc taactgaggt agcttgcagc atctcttcta 540
gttgaaatgg tgaactgata ggaaaaca 568

<210> 981
<211> 550

<212> DNA
<213> Homo sapien

<400> 981
ccatcccct ttagaacgta tcttaatgtg aacataaatt gttcttcatg atgcttaaaa 60
gcttacatat aattttcatt cttagaaaaa cgccacattt tggatcctgg atttttctga 120
atatcatgat tgaaaaaaac aaaacaaaaa atgaacccaa atcaaagtgt ggttaaactt 180
atatgagaaa gatttttcaa ccagatggtc attcaaaaaa gttggagctg taagtgccgg 240
cgactgagga cacagggtta attcctcgct gctggtggaa ggctagagaa catcttcaaa 300
agagggtagc aagacgtgct cctaggggag gctcagtgtg gtctcgtctg cccaagcatt 360
ttcagtcttg cttggtcaat gacatcgagt aagtttttgg catccacagc cagggcgtga 420
gcagcagtca gcatttgctt tttgtactct tgctggaggc tggtcatgac atactgctgg 480
gccagtttca tcttgttgat gagctcaccc aggtcagagt tcaatagctt ctgtgccatc 540
tcaatctctc 550

<210> 982
<211> 524
<212> DNA
<213> Homo sapien

<400> 982
ccaaggtcag aggctgatgc aacaggccct cttctcccca gggccaggct cctgtccagc 60
ctgggcactg cccagagtga tggcattggt ccggatgctg ttctgtctct gcttggacac 120
cttcgcaaag atttctttca ggacagtctc aaaggctagc tcaacattgg tagagtccag 180
ggctgaggtc tccaggaaga gcagtccatt gttttcagcg aacattcggg cctcctcagt 240
gggcacttcc cgggcctggc tgaggtcact tttgttaccc acgagcatga cgacgatcgt 300
ggcttcagca tggtcataga gctccttcag ccatcgctcc accacagcat aggtctggtg 360
cttggttagg tcaaacacca ggagggcccc cactgcacca cgatagtacc cttgaagaca 420
aagttataat cttcctcagt tccattcccc atcttggctc cgcatggagg gtgcaggtgt 480
cttcggggac agaggcgaca aatctgtgtg ttggctcaat gccc 524

<210> 983
<211> 140
<212> DNA
<213> Homo sapien

<400> 983
ccttcgtgcc ctaacagcca gtcccctgtt aaagtggaag agacctgtgg ctgccgctgg 60
acctgcccct gtgtgtgcac aggcagctcc actcggcaca tcgtgacctt tgatgggcag 120
aatttcaagc tgactggcag 140

<210> 984
<211> 358
<212> DNA
<213> Homo sapien

<400> 984
tggagcggcc gcccggcagg tccaacgagt cacaacagtg caataggtag aggattaaaa 60
actgcatcaa acaggtgctg aaaataaata ctacctagga gaaggaggtg agagccctcg 120
tgtggggttt gttttcgacc ccttgagtgt gtgtggggtt tgtcttccga gccacgagcc 180
tggcctgtct cgcggtgctg ttcactctga cagagtgcgc ctgcagcacg ttgcctccag 240
ggcccagcct cccagaagcc tcagagcatc agagcatccg tcccatcgga tggaccagaa 300
acaagaaaat ggggtggggt gaatcacagc tatcattcaa aggaaaggaa ttttttc 358

<210> 985
<211> 450
<212> DNA
<213> Homo sapien

<400> 985
ctgaccccccc tttgtccaca gctaagatgg cagcagaatg ctatgtcact atatacagaa 60
acaagacaac ctgaagctaa atggatgccc cctgcagagt caacaggtcc agcctcacag 120
tgcacgccct gagctacagc ctctcccaaa aggcatcttc cccacagcct caacgccgag 180
caaggagcat caagggtttg tctcggttgt tttgttcttt ttacaaacta tagatatata 240
cagttgaaaa ctcaggattt ctagccaata accatagtta ccaccacctt acaaataaaa 300
agaaaatgcc agaaacatct ttaaatgcct tgtcacacca acagcaaagt gcacagagtg 360
aggagaacac gagagtgcct tttcatttta aaaatgtttg gaaatatgta caactttgat 420
acagtttcag ggtgctccag acacccatgg 450

<210> 986
<211> 340
<212> DNA
<213> Homo sapien

<400> 986
cctcctgcca gcagttcttg aagcttcttt ttcattcctg ctactctacc tgtatttctc 60
agttgcagca ctgagtggtc aaaatacatt tctgggccac ctcagggaac ccatgcatct 120
gcctggcatt taggcagcag agcccctgac cgtcccccac agggctctgc ctcacgtcct 180
catctcattt ggctgtgtaa agaaatggga aaagggaaaa ggagagagca attgaggcag 240
ttgaccatat ccagttttat ttatttattt ttaatttgtt tttttctcca agtccaccag 300
tctctgaaat tagaacagta ggcggtatga gataatcagg 340

<210> 987
<211> 227
<212> DNA
<213> Homo sapien

<400> 987
ccaatgcccg gagcaggccc tctttccatc ccgtgtcgga tgagctggtc aactatgtca 60
acaaacggaa taccacgtgg caggccgggc acaacttcta caacgtggac atgagctact 120
tgaagaggct atgtggtacc ttcctgggtg ggcccaagcc accccagaga gttatgttta 180
ccgaggacct gaagctgcct gcaagcttcg atgcacggga acaatgg 227

<210> 988
<211> 241
<212> DNA
<213> Homo sapien

<400> 988
cctcttttta ccagctccga ggtgattttc atattgaatt gcaaattcga agaagcagct 60
tcaaacctgc cggggcttct cccgcctttt ttcccggcgg cgggagaagt agattgaagc 120
cagttgatta gggtgcttag ctgttaacta agtgtttgtg ggtttaagtc ccattggtct 180
agtaagggct tagcttaatt aaagtggctg atttgcgttc agttgatgca gagtgggttt 240
t 241

<210> 989
<211> 193
<212> DNA

<213> Homo sapien

<400> 989
ccagccgtgt cccagacttg tagtttgatc ttcttcccct ctatatccac agtgcggatc 60
ttgaaatcaa ttccgatggt ggagatgtaa gtgttgttga agttgtcctc tgcaaagcga 120
atgatcagac aagtcttgcc cacccccgag tccccgatca gcagcaactt gaagaggtgg 180
tcgtaggctt tgg 193

<210> 990
<211> 499
<212> DNA
<213> Homo sapien

<400> 990
cctcaaccaa gagggttgat ggcctccagt caagaaactg tggctcatgc cagcagagct 60
ctctcctcct ccagcaggcg ccatgcaagg gcaggctaaa agacctccag tgcatcaaca 120
tccatctagc agagagaaaa ggggcactga agcagctatg tctgccaggg gctaggggct 180
cccttgcaga cagcaatgct acaataaagg acacagaaat gggggaggtg ggggagccct 240
atttttataa caaagtcaaa cagatctgtg cgttcattcc cccagacaca caagtagaaa 300
aaaaccaatg ctgtggtttc tgccaagatg gaatattcct cctcctagtt ccacacatgg 360
cgtttgcaat gctcgacagc attgcactgg gctgctgtct ctgtgttctg gcaccagtag 420
cttgggcccc atatacactt ctcagttccc aacaagggct tatgggccga ggggcaggct 480
ccaattttca agcacacga 499

<210> 991
<211> 262
<212> DNA
<213> Homo sapien

<400> 991
ctgccagcca ggctgtggtc agtcctctgg caggcaatct tcggcaccga gagcctctgt 60
ccattagtgt cagccccgag ggggccacga cggaggccgc ccaatgtcca ctgtgatatt 120
ggtgaagagt ggttgccgag acacctccaa gacctggtac cgcactgacc caatgccgtc 180
ccgcttcatg gtcagcttcg tgttttgaat cttggtaaac ctctgagggt taggttcgtt 240
atgcttgtcg cggtcgtgct tg 262

<210> 992
<211> 535
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 992
ctgctgcttg tgaaattcat gtgtggtact aagtacctta catgaattat ttcatttaac 60
cctcccaaca gtctcctttg tacgtgctgn nctctctgcc tggaaacact gtttcccacc 120
cccaaccccc aattcttctg tttatttttc ttgagacaga gtctcactgt gtagcccaga 180
ctggagtgca gtggcgcgat ctcggctcac tccaatctcc gcctcccggg tccctgttca 240
agcagttctc ctgcctcagc ctcctgagta gctgggatta caggcacacg ccaccatgtc 300
cagctaattt ctgtattttt agtagagatg ggtttcacg atgttggcta ggatggtctc 360
gatctctggt cagagtcttt tctgtaaata tccttggtaa agaagcaatt ttagactgta 420

gctgttgcaa atgctttaag gaagaagcaa aacaactgtc agtcttnctg aaatgaagaa 480
actacaccag ggctgctata tcagagcaac cccaaccagc actncaatca tgatg 535

<210> 993
<211> 232
<212> DNA
<213> Homo sapien

<400> 993
ctgctgctct cccctcccag tctctactca ctgggatgag gttaggtcat gaggacacca 60
aaaacctaaa aataaacaaa aagccaaaca agccttagct tttcttaaag gctgaaatgc 120
ctggaagtgt ccctttattt ataaaataac ttttgtcata tttcttatac atgtttcttg 180
taagaaattc agaaactaca gacaaagaga gtggaaatta cccactgtca gg 232

<210> 994
<211> 203
<212> DNA
<213> Homo sapien

<400> 994
ccagcagatc atccacgacg accaccctct gtcctggctc cagggcgtct ttctgaatct 60
ccagctcagc cttcccgtac tccagggaat aggaggccca cagagtgggg cctggcagct 120
tcccccgctt tcggatgagc acgcagccca gtccaagctc ctgggccagg gaggggccaa 180
agaggaagcc tcgggagtct agg 203

<210> 995
<211> 238
<212> DNA
<213> Homo sapien

<400> 995
ccatgcctgc cccgcccact ctgtatatat gtaagttaaa cccgggcagg ggctgtggcc 60
gtctttgtac tctggtgatt tttaaaaatt gaatctttgt acttgcattg attgtataat 120
aattttgaga ccaggtctcg ctgtgttgct caggctggtc ccaaactcct gagatcaagc 180
aatccgccca cctcagcctc ccaaagtgct gagatcacag gcgtgagcca ccaccagg 238

<210> 996
<211> 379
<212> DNA
<213> Homo sapien

<400> 996
ctgcagcctg ggactgaccg ggaggctctg accatttacc caccacaggt aggttgtgtt 60
ctgaacctca ggttcacagg tgaaggccac agcatccttg tcctccacgg ggttggagtt 120
gttgctggag atggagggct tgggcagctc cgggtataca tggaactgtc cggttgcttc 180
ttcattcaca agatctgact ttatgacttg tagggtatag aatcctgtgt cattctgggt 240
gacgttctgg atcagcaggg atgcattggg gtatattgtc tctcgaccac tgtatgcggg 300
ccctggggta gcttgttgag ttcctattac atatcctaca attagactgt tgccatccac 360
tctttcgcct ttgtaccag 379

<210> 997
<211> 210
<212> DNA
<213> Homo sapien

<400> 997
ccatccgaag caagattgca gatggcagtg tgaagagaga agacatattc tacacttcaa 60
agctttggtg caattcccat cgaccagagt tggtccgacc agccttggaa aggtcactga 120
aaaatcttca attggattat gttgacctct accttattca ttttccagtg tctgtaaagg 180
ccgtggagaa gtgtaaagat gcaggattgg 210

<210> 998
<211> 207
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 998
ggtggctgtg ctgggggcgc cccacaaccc tgctcccccg acgtccaccg tgatccacat 60
ncgcagcgag acctccgtgc ccgaccatgt cgtctggtcc ctgttcaaca ccctcttcat 120
gaacccctgc tgcctgggct tcatagcatt cgcctactcc gtgaagtcta gggacaggaa 180
gatggttggc gacgtgaccg gggccca 207

<210> 999
<211> 315
<212> DNA
<213> Homo sapien

<400> 999
ccaatgggct ttgctgtagc ttgctgaaat caccaagcag gagagattta accagaggcg 60
atgtgtccag tcaccagcat agagccatcc tctgtgtcac catccacacg cagggccttc 120
tggcagacct catgcaatgc cctccatgtt aatattcatc agaaaatgga taattagggg 180
ggccagcaaa aatatcaagg gtcaaatatc gcacatttct gtttaggcca tctatggctt 240
tcatctcctc tgaagtcaac tggaattcaa acacctgcac gttctgtctg atgcgctgct 300
cattgtagct cttgg 315

<210> 1000
<211> 186
<212> DNA
<213> Homo sapien

<400> 1000
ctgttactca agaagatgta tttaatgctt gacaataaga gaaaggaagt agttcacaaa 60
ataatagagt tgctgaatgt cactgaactt acccagaatg ccctgattaa tgatgaacta 120
gtggagtgga agcggagaca gcagagcgcc tgtattgggg ggccgcccaa tgcttgcttg 180
gatcag 186

<210> 1001
<211> 173
<212> DNA
<213> Homo sapien

<400> 1001
ccacaaagcg gaaactcatc cacttttgcc tttttccgcc ccaggtcaaa aatgcgaatc 60

ttggcatcag ggacacctcg gcagaagcga gactttgggt acggcttgtt cttacaatac 120
cggtaacaac gggcggggcg gcggcccatg gcgacaccag gatcttcagt ggc 173

<210> 1002
<211> 302
<212> DNA
<213> Homo sapien

<400> 1002
ctgaatgcct gagcccagca gggagctgag gatcatgggg tactgggggg gcctgaagac 60
gtcgccgtgc accaacttcc acccagactc ctccatggtg tcttcaatgt catcctcctt 120
gttgtagttg gcaatgtcct tccggagggt ccgaatgata atcatgctca ggatacctga 180
caggaagaag accacaacaa cggagttaat gatagaaaac cagtggatct ggacgtcact 240
catggtcagg taagtgtccc agcgagaggc ccatttgata tcactttcct cccagtggac 300
ag 302

<210> 1003
<211> 368
<212> DNA
<213> Homo sapien

<400> 1003
cctgggcccg ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
ttatttactg agatggagtc ttgctctgtc acccaggctg gagtgcagtg gtgcaatctc 120
ggctcactgc aacctctgcc tcctgggctg cagtgattct cctgcgttca agtaattctc 180
ctgcctcggc cttctgagta gttgggatta caggcatatg ccaccacact tggctaattt 240
tttgtatttt tagtagaaat ggggtttcac catgttggcg aggctggtct cgaactcccg 300
acctcaagga tcctcctgcc tcggcctcct aaggtgctgg gattgcaggt gtgagccacc 360
acgtctgg 368

<210> 1004
<211> 294
<212> DNA
<213> Homo sapien

<400> 1004
ctgggcggat agcaccgggc atattttgga atggatgagg tctggcaccc tgagcagtcc 60
agcgaggact tggtcttagt tgagcaattt ggctaggagg atagtatgca gcacggttct 120
gagtctgtgg gatagctgcc atgaagtaac ctgaaggagg tgctggctgg taggggttga 180
ttacagggtt gggcacagct cgtacacttg ccattctctg catatactgg ttagtgaggt 240
gagcctggcg ctcttctttg cgctgagcta aagctacata caatggcttt gtgg 294

<210> 1005
<211> 414
<212> DNA
<213> Homo sapien

<400> 1005
ctgaagcact cttcagagac tacgtccaca gacactgatg ctgaggcctt tcttgtaagt 60
gaagaaaaag gaatgcagca aagaagagtt cgacattgga gtccttagtt ccatcaggat 120
cccattcgca gcctttagca tcatgtagaa gcaaactgca cctatggctg agataggtgc 180
aatgacctac aagattttgt gttttctagc tgtccaggaa aagccatctt cagtcttgct 240
gacagtcaaa gagcaagtga aaccatttcc agcctaaact acataaaagc agccgaacca 300
atgattaaag acctctaagg ctccataatc atcattaaat atgcccaaac tcattgtgac 360

tttttatttt atatacagga ttaaaatcaa cattaaatca tcttatttac atgg 414

<210> 1006
<211> 272
<212> DNA
<213> Homo sapien

<400> 1006
ccggagccca cggtggtcat ggctgccaga gcgctctgca tgctggggct ggtcctggcc 60
ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
ccagccaagg acagggtgga ctgcggctac ccccatgtca cccccaagga gtgcaacaac 180
cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gcccctgcag 240
gaagcagaat gcaccttctg aggcacctcc ag 272

<210> 1007
<211> 313
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 1007
cctgccttac tctnttccct ttccccaggg actcttggtt ttcagaagcc cctctggaat 60
gtcctacctg gcctaacccc ataccagcag tgcagacaag gaggcactcc tactatagtg 120
ggtccagccc atggagagac tcacttcctg ccccaacacc tcttccccta gaccctgagg 180
gccaggacaa tgtcttagtg ccttccaact tggcagagtg aggccccatg agacagagag 240
aaagggggaa gagggaaata cctttatcca aataaatacc catccaaaat tatttgtgat 300
aggtgaaaaa tgg 313

<210> 1008
<211> 317
<212> DNA
<213> Homo sapien

<400> 1008
cctcaatgtc gtgctagagg ggccgaagaa ggccgtgaac gacgtgaatg gcctgaagca 60
atgtttggca gaattcaagc gggatctgga atgggttgaa aggctcgatg tgacactggg 120
tccggtaccg gagatcggtg gatctgaggc gccagcacct cagaacaagg accagaaagc 180
tgttgatcca gaagacgact tccagcgaga gatgagtttc tatcgccaag cccaggccgc 240
agtgcttgca gtcttacccc gcctccatca gctcaaagtc cctaccaagc gacccactga 300
ttattttgcg gaaatgg 317

<210> 1009
<211> 456
<212> DNA
<213> Homo sapien

<400> 1009
tttttttgta gggtatagaa aatacatttt taattttgat agagttcaca aatgacagca 60
ttgacatttc tttaaacaaa tacttctgtc aaggcacagc attaccatgt gtccccagat 120
gcccaagagg cagtgatttc atgtccccct gaggtttagc agagccacca atgtcaatag 180

ggtggctgac ggggcctaga tttgctacca gataagccaa tgagacatgc tgtcagattt 240
atggttacat aatcaagtat ttaaaaagat gcacaatagg taactgcaat gagcttgttc 300
tgcatttagc gatagttcct ttcaaacaaa gaagatagtt ttcagtatca agaaggatgc 360
ctatatgtat gtcttccatg gagcctttcc tacaaattgc tttcattaca cattaaaagg 420
agttcagctt tattgtgacc ttcttgagtc attcag 456

<210> 1010
<211> 196
<212> DNA
<213> Homo sapien

<400> 1010
ctgggcatgg gctgaggaga ggtcttgctt gccccttca actttccatc tcagaactat 60
aaactgctag gctgcaagga gagaagggct aagtgggggt cagacaggag agaagggcag 120
gaggcagtga gccccgatga cccaccaact ccaccaggcc ctgacaggga agcccctttg 180
gttagtatca ttttgg 196

<210> 1011
<211> 449
<212> DNA
<213> Homo sapien

<400> 1011
ccttgcggct gctgcgaaag gccacggcgc tgcctgcccg ccgggccgag tactttgatg 60
gttcagagcc cgtgcagaac cgcgtgtaca agtcactgaa ggtctggtcc atgctcgccg 120
acctgaagga gagcctcggc accttccagt ccaccaaggc cgtgtacgac cgcatcctgg 180
acctgcgtat cgcaacaccc cagatcgtca tcaactatgc catgttcctg gaggagcaca 240
agtacttcga ggagagcttc aaggcgtacg agcgcggcat ctcgctgttc aagtggccca 300
acgtgtccga catctggagc acctacctga ccaaattcat tgcccgctat gggggccgca 360
agctggagcg ggcacgggac ctgtttgaac aggctctgga cggctgcccc ccaaaatatg 420
ccaagacctt gtacctgctg tatgcacag 449

<210> 1012
<211> 289
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 1012
ccaggaccac aaccccacgc tgtagctggt agcgcagggc aatcagggct ggggttcgct 60
tgtgcttttt tgccaaggca caaaggactg ggtcctccaa gagcaccggg gagttcgggt 120
ccacccatgg ttcttctcgg tgggatccca gagcactata ggcaaccaga acaatgtctt 180
ttgacttgca gaaatccagc agttttctct ggttgaagta aggatgacat tccacctggt 240
tgcagacagg cttgtacttg agccctggct tgtnnaggat catctccag 289

<210> 1013
<211> 221
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(221)
<223> n = A,T,C or G

<400> 1013
tctgtaaatg ctgcgttcct aatttagtaa aataaaagaa tagacactaa aatcatgttg 60
atctataatt acacctatgg gatcaataag catgtcanna ctgattaatg tctactgtaa 120
aaatttggta gnnaaatttt catttgatat tagatataaa tatctgaata taaataattn 180
taatatacta gtcatgatgt gtgttgtatt ttaaaaatta t 221

<210> 1014
<211> 512
<212> DNA
<213> Homo sapien

<400> 1014
gggccccga agcctctaca atgggctggt tgccggcctg cagcgccaaa tgagctttgc 60
ctctgtccgc atcggcctgt atgattctgt caaacagttc tacaccaagg gctctgagca 120
tgccagcatt gggagccgcc tcctagcagg cagcaccaca ggtgccctgg ctgtggctgt 180
ggcccagccc acggatgtgg taaaggtccg attccaagct caggcccggg ctggaggtgg 240
tcggagatac caaagcaccg tcaatgccta caagaccatt gcccgagagg aagggttccg 300
gggcctctgg aaagggacct ctcccaatgt tgctcgtaat gccattgtca actgtgctga 360
gccggcgacc tatgacctca tcaaggatgc cctcctgaaa gccaacctca tgacagatga 420
cctcccttgc cacttcactt ctgcctttgg ggcaggcttc tgcaccactg tcatcgcctc 480
ccctgtagac gtggtcaaga cgagatacat ga 512

<210> 1015
<211> 553
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(553)
<223> n = A,T,C or G

<400> 1015
ctgggcagga agattatgat cgcccgaggc ccctctccta cccagatacc gatgttatac 60
tgatgtgttt ttccatcgac agccctgata gttcagaaaa catcccagaa aagtggaccc 120
cagaagtcaa gcatttctgt cccgacgtgc ccatcatcct ggttgggaat aagaaggatc 180
ttcggaatga tgagcacaca aggcgggagc tagccaagat gaagcaggag ccggtgaaac 240
ctgaagaagg cagagatatg gcaaacagga ttggcgcctt tgggtacatg gagtgctcag 300
caaagaccag agatggagtg agagaggttt ttgaaatggc tacgagagct gctctgcaag 360
ctagacgtgg gaagaaaaaa tctgggtgcc ttgtcttgtg aaaccttgct gcaagcacag 420
cccttatgcg gttaattttg aagtgctgtt tattaatctt agtgtatgat tactggcctt 480
tttcatttat ctataattta cctaagatta caaatcanga agtcatcttg ctaccagtat 540
ttagaagcca act 553

<210> 1016
<211> 431
<212> DNA
<213> Homo sapien

<400> 1016
ccacttcaca tgatggcggg cctttaagag cacaaagaag tttaatatgg acaacaacag 60
gaaaaagcaa gaagaaaaca agtagggaaa gacagctaac ctggagagag agaatttctt 120
taacctttat gttcttcatt aaaaatctta tcttggactg atttgaggga tttttagaaa 180
catggcctta ttttatataa gcattacctt cccaggaatc tttgttgtat attaattttt 240
gataaccatt tgattaactt taaaattaag tatatgtgtg tatatataca tatgtatgtt 300
tatatacaca catgtatctg tatagtttta tatatacata tatacacata gacatacaga 360
gaaccactac tttgtaatag tgtacagttt gttttatatc tctttacttt ttttgttact 420
attttatctg t 431

<210> 1017
<211> 490
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G

<400> 1017
ctggaagaac aaggcgaagt tctggtggct gtctgcgatg aatgtgccct tggctttggc 60
tgggtatgtc acccgggtag ttttgggtgc aatgctctga tccttatcca cggtggaaag 120
atcaacattt gtgatgccaa cttcagtgga gatcttgact ctgagctcta cggtatttgc 180
aatataccgg ttgtcacctt caacttcgac aaggaagtca taataaccac tggaaaattt 240
gacgttcatg aaatttagtt caaaaacatc ccctacaggg gtgaaggatg tcttctggag 300
gacagtggct ctggaagcaa cagatttagc atgttctagt ttaacagtgg cctgagtcag 360
aggctgagac agaacattgg tgacttgcaa ccgcaagata gcctgttcat gagtgtcgga 420
agcaganccc tcangcacaa ccacaactgg cacgtggtag cgattatgcg agagcacagg 480
cagacctcgg 490

<210> 1018
<211> 503
<212> DNA
<213> Homo sapien

<400> 1018
ggagtaagct gagtacaagt accatagcag cagagctgca aaaggtcttg ggacctatag 60
tcctaatgca agataaggtc atggggccta aggccatggg gcctgaggca cccctagacc 120
ctgagccttc agcatttaag ggagggtgtc ccccccattct cgataggcca tggtacacag 180
atgggtctag ccgaggtgct ataactgctt ggaccactgt tgcagtccaa cctagtactg 240
acactatatg gtttgaaacc cggtgtggac aaagtagcca atgggctgaa cttagagcag 300
tgtggatggt gatcaccaag gaggtgacac tgatggtaat ctgtatcaat agctgggtgg 360
tctaccaagg cttaactttg tggttaacta cctggaaaat acagaagttg ctagtcggcc 420
accaacccat ttggggtcaa gccacgtggc aagacctctg ggaaatgggt catcagaaac 480
aggtaaccgt ttatcatgtg tca 503

<210> 1019
<211> 348
<212> DNA
<213> Homo sapien

<400> 1019
cctgtgtatg gagtagaggc gggtgcacgg gtactgttcc tcacggcagt caagaggccc 60

aggctctgtg ggctccagct ctgcatttcc cggttctggg gttggggctg ggatgacttc 120
ctgttggact tgctgctggg actggaactg gaactgttcc tcggagggcc gaggagtcac 180
ctcttgataa tcatagtagt ctgggttgtc gatctggtcg ctatagtggg tgtactggac 240
gtggtcaggg aacggcggca gcgggtccag gtcatactgg ccctgagcca gcaagcctgc 300
aggcaggaat agcaggaaga ggtaggcagc tctcatggca acaaagag 348

<210> 1020
<211> 260
<212> DNA
<213> Homo sapien

<400> 1020
ccacacggcg accgagggac agatggggcc ctgcgtccca taggctgcct gaaggtgggt 60
agggcggcct gcggcatagt ggggtggctg tgggctccca gcctggcccc tgggaaccgt 120
gggagcacag ggacaagcac atggctatgg aatgcagggt gacccaagga caagcgagtt 180
gcggggatct ctactgtgac catgcagaat tgatcgcagt ctgctgcgcc accaccacct 240
catgttcccg aggggaacag 260

<210> 1021
<211> 407
<212> DNA
<213> Homo sapien

<400> 1021
ccttatgact ataacggccc acgagaaaaa tatggaatcg ttgattacat gatcgagcag 60
tccgggcctc cctccaagga gattctgacc ctgaagcagg tccaggagtt cctgaaggat 120
ggagacgatg tcatcatcat cggggtcttt aaggggggaga gtgacccagc ctaccagcaa 180
taccaggatg ccgctaacaa cctgagagaa gattacaaat ttcaccacac tttcagcaca 240
gaaatagcaa agttcttgaa agtctcccag gggcagttgg ttgtaatgca gcctgagaaa 300
ttccagtcca agtatgagcc ccggagccac atgatggacg tccagggctc cacccaggac 360
tcggccatca aggacttcgt gctgaagtac gccctgcccc tggttgg 407

<210> 1022
<211> 140
<212> DNA
<213> Homo sapien

<400> 1022
ccaccccaga gtgggagagg ctgggaggtt gggaggctgt ggagagaagt gagcaaggtg 60
ctcttgaacc tgtgctcatt ttgcaatttt atcagtaatt tgacttagag tttttacgaa 120
acctcttttg ttgtccttgc 140

<210> 1023
<211> 280
<212> DNA
<213> Homo sapien

<400> 1023
ctggaggtgc ctcagaaggt gcattctgct tcctgcaggg gcttgaaaca ccaaggcact 60
ccagggatcc tggagtcaaa gcagcagccc cggttgttgc actccttggg ggtgacatgg 120
gggtagccgc agtccaccct gtccttggct ggcacggcac actggtttgc agacaggccc 180
gcgtactcct cagcagagct ggaggacagc aaggccagga ccagccccag catgcagagc 240
gctctggcag ccatgaccac cgtgggctcc gggacgcagc 280

<210> 1024
<211> 274
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 1024
cctggctgag caggcagagc accctgggac cccagggcag aaggacccct gccctccagt 60
ccccaagacc caggcccgtc tccactcata cacgccacct acatgtgacg tcagccctga 120
aaaggtaaca ggaaagttca gaacaaaaac aaaaccccaa aagtaaaaag gctacgtgta 180
gcagagtaat accggaaacg ttatatacac aggcggtgat ggccccctcg gaagtgtccg 240
ggtcacttag ggggcactgc anaggtccct gtgg 274

<210> 1025
<211> 446
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(446)
<223> n = A,T,C or G

<400> 1025
gcaaagagtg tactgtgctt gaggcagagc actcacacat aaatggctgt gtgtggaatt 60
gcttgccaaa gaagtttcta gcctttccct ttcccctaac tgcatcaggg aagaattctt 120
atctctagct tggtttccac atgaggtttt tctgagaagg gcttgggaca agaagtctgt 180
catgttagtt aagcaggcaa gaaatcctac taatccagtt ttgtttgaaa gttgtttgtc 240
cgtatgattt tttaaaagtc aagtttaatt tcaaaaaacc ttttttttct gagattactt 300
ttggggtaat atttaaaatg agagacattt tgtaaccctg taaaatacat agggaatata 360
acattccagt gtatacaaag aaggcaaatt ctttaatcaa ataaagcgca ttataaaatc 420
aaaaaanaaa naaaaaaaan aaaaaa 446

<210> 1026
<211> 189
<212> DNA
<213> Homo sapien

<400> 1026
ctgtgagaga gatgctcaat atgccccagg ctatgacaaa gtcaaggaca tctcagaggt 60
ggtcacccct cggttccttt gtactggagg agtgagtccc tatgctgacc ccaatacttg 120
cagaggtgat tctggcggcc ccttgatagt tcacaagaga agtcgtttca ttcaagttgg 180
tgtaatcag 189

<210> 1027
<211> 92
<212> DNA
<213> Homo sapien

<400> 1027

ccagaccctc cttagtacag gatctcggac cacaaaccaa ggagtctcgt ggccttggat 60
tcccagaccc taggatggta tccctctgac ag 92

<210> 1028
<211> 438
<212> DNA
<213> Homo sapien

<400> 1028
ctgaaaagcc atctttgcat tgttcctcat ccgcctcctt gctcgccgca gccgcctccg 60
ccgcgcgcct cctccgccgc cgcggactcc ggcagcttta tcgccagagt ccctgaactc 120
tcgctttctt tttaatcccc tgcatcggat caccggcgtg ccccaccatg tcagacgcag 180
ccgtagacac cagctccgaa atcaccacca aggacttaaa ggagaagaag gaagttgtgg 240
aagaggcaga aaatggaaga gacgcccctg ctaacgggaa tgctaatgag gaaaatgggg 300
agcaggaggc tgacaatgag gtagacgaag aagaggaaga aggtggggag gaagaggagg 360
aggaagaaga aggtgatggt gaggaagagg atggagatga agatgaggaa gctgagtcag 420
ctacgggcaa gcgggcag 438

<210> 1029
<211> 330
<212> DNA
<213> Homo sapien

<400> 1029
ccagccgcat gggagtggag gcagtcatcg ccttgctaga ggccaccccg gacaccccag 60
cttgcgtcgt gtcactgaac gggaaccacg ccgtgcgcct gccgctgatg gagtgcgtgc 120
agatgactca ggatgtgcag aaggcgatgg acgagaggag atttcaagat gcggttcgac 180
tccgagggag gagctttgcg ggcaacctga acacctacaa gcgacttgcc atcaagctgc 240
cggatgatca gatcccaaag accaatcgca acgtagctgt catcaacgtg ggggcacccg 300
cggctgggat gaacgcggcc gtacgctcag 330

<210> 1030
<211> 228
<212> DNA
<213> Homo sapien

<400> 1030
ctggagactc tgggccagga gaagctgaag ctggaggcgg agcttggcaa catgcagggg 60
ctggtggagg acttcaagaa caagtatgag gatgagatca ataagcgtac agagatggag 120
aacgaatttg tcctcatcaa gaaggatgtg gatgaagctt acatgaacaa ggtagagctg 180
gagtctcgcc tggaagggct gaccgacgag atcaacttcc tcaggcag 228

<210> 1031
<211> 294
<212> DNA
<213> Homo sapien

<400> 1031
ccacaaagcc attgtatgta gctttagctc agcgcaaaga agagcgccag gctcacctca 60
ctaaccagta tatgcagaga atggcaagtg tacgagctgt gcccaaccct gtaatcaacc 120
cctaccagcc agcacctcct tcaggttact tcatggcagc tatcccacag actcagaacc 180
gtgctgcata ctatcctcct agccaaattg ctcaactaag accaagtccc cgctggactg 240
ctcagggtgc cagacctcat ccattccaaa atatgcccgg tgctatccgc ccag 294

<210> 1032
<211> 278
<212> DNA
<213> Homo sapien

<400> 1032
ggaggtatta cagacagcac tgcactttgg agttgggcag ctacatcgag gacctctttg 60
tggtccacag tgacctctcc agcattgtga tcctggataa ctccccaggg gcttacagga 120
gccatccaga caatgccatc cccatcaaat cctggttcag tgaccccagc gacacagccc 180
ttctcaacct gctcccaatg ctgggtgccc tcaggttcac cgctgatgtt cgttccgtgc 240
tgagccgaaa ccttcaccaa catcggctct ggtgacgg 278

<210> 1033
<211> 155
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 1033
cgcgttcanc catgttnaaa ccgattgcat naacttcgaa accggcccgc ccgccggcgc 60
ctggagaggg gcannggggag aagcagagag tttatcattc atctgtacac atagacgttt 120
cttctttaaa taacaccacg ggcgggagcc ccatc 155

<210> 1034
<211> 401
<212> DNA
<213> Homo sapien

<400> 1034
ctggaccagc accccattga cgggtacctc tcccacaccg agctggctcc actgcgtgct 60
cccctcatcc ccatggagca ttgcaccacc cgctttttcg agacctgtga cctggacaat 120
gacaagtaca tcgccctgga tgagtgggcc ggctgcttcg gcatcaagca gaaggatatc 180
gacaaggatc ttgtgatcta aatccactcc ttccacagta ccggattctc tctttaaccc 240
tcccccttcgt gtttccccca atgtttaaaa tgtttggatg gtttgttgtt ctgcctggag 300
acaaggtgct aacatagatt taagtgaata cattaacggt gctaaaaatg aaaattctaa 360
cccaagacat gacattctta gctgtaactt aactattaag g 401

<210> 1035
<211> 333
<212> DNA
<213> Homo sapien

<400> 1035
ctgagctggg ggttgaattt ctccaggcac tccctggaga gaggacccag tgacttgtcc 60
aagtttacac acgacactaa tctcccctgg ggaggaagcg ggaagccagc caggttgaac 120
tgtagcgagg cccccaggcc gccaggaatg gaccatgcag atcactgtca gtggagggaa 180
gctgctgact gtgattaggt gctggggtct tagcgtccag cgcagcccgg gggcatcctg 240
gaggctctgc tccttagggc atggtagtca ccgcgaagcc gggcaccgtc ccacagcatc 300
tcctagaagc agccggcaca ggagggaagg tgg 333

<210> 1036
<211> 198
<212> DNA
<213> Homo sapien

<400> 1036
ccaatgtaca tggtggacta tgccggcctg aacgtgcagc tcccgggacc tcttaattac 60
tagacctcag tactgaatca ggacctcact cagaaagact aaaggaaatg taatttatgt 120
acaaaatgta tattcggata tgtatcgatg ccttttagtt tttccaatga tttttacact 180
atattcctgc caccaagg 198

<210> 1037
<211> 289
<212> DNA
<213> Homo sapien

<400> 1037
ctggagatga tcctcaacaa gccagggctc aagtacaagc ctgtctgcaa ccaggtggaa 60
tgtcatcctt acttcaacca gagaaaactg ctggatttct gcaagtcaaa agacattgtt 120
ctggttgcct atagtgctct gggatcccac cgagaagaac catgggtgga cccgaactcc 180
ccggtgctct tggaggaccc agtcctttgt gccttggcaa aaaagcacaa gcgaacccca 240
gccctgattg ccctgcgcta ccagctacag cgtggggttg tggtcctgg 289

<210> 1038
<211> 368
<212> DNA
<213> Homo sapien

<400> 1038
ccagacgtgg tggctcacac ctgcaatccc agcaccttag gaggccgagg caggaggatc 60
cttgaggtca ggagttcgag accagcctcg ccaacatggt gaaaccccat ttctactaaa 120
aatacaaaaa attagccaag tgtggtggca tatgcctgta atcccaacta ctcagaaggc 180
cgaggcagga gaattacttg aacgcaggag aatcactgca gcccaggagg cagaggttgc 240
agtgagccga gattgcacca ctgcactcca gcctgggtga cagagcaaga ctccatctca 300
gtaaataaat aaataaataa aaagcgctgc agtagctgtg gcctcaccct gaagtcagcg 360
ggcccagg 368

<210> 1039
<211> 417
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

<400> 1039
ctgggcctat gctggtcatg aacggtcctg gaaaatgact cccttccttc agtatctgca 60
tcctcatgaa gtcattcatt ttggagatcg tgtcttcact tttcttggtg aagaaactgc 120
tggatggagt tgttggtggc atctgaggag tccgaagatg gctctcaggg aaggttgtgc 180
tggcctctga aggatttgga agctgactct gttcctgggg tagctnnatg ctcttggggt 240
cattgnttct cgggtttgnt tttttcttta tctggataaa actatgcatt tctgaaatca 300
gttttgacat ctggttcttt tttcctaagt cgaaagcaga aaagttggaa gcttatctcc 360

ttcttcacag ggggatattg tggacattgn nctgtcccca ctacatccat ttttcct 417

<210> 1040
<211> 409
<212> DNA
<213> Homo sapien

<400> 1040
ctgtccaatg gcaacaggac cctcactcca ttcaatgtca caagaaatga cgcaagagcc 60
tatgtatgtg gaatccagaa ctcagtgagt gcaaaccgca gtgacccagt caccctggat 120
gtcctctatg ggccggacac ccccatcatt tcccccccag actcgtctta cctttcggga 180
gcgaacctca acctctcctg ccactcggcc tctaacccat ccccgcagta ttcttggcgt 240
atcaatggga taccgcagca acacacacaa gttctcttta tcgccaaaat cacgccaaat 300
aataacggga cctatgcctg ttttgtctct aacttggcta ctggccgcaa taattccata 360
gtcaagagca tcacagtctc tgcatctgga acttctcctg gtctctcag 409

<210> 1041
<211> 492
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 1041
cctcggctcc acacctccgc tgtgaccaca gcctcaggtc aagctgtgct ggggccatcc 60
accttccttt gccatttaga agatggggct tggagcttgg caacacagaa attgacatca 120
gccttataaa accttggctg aacctaccga cctccaggag aatttcagcc aaaacaaaaa 180
agcaaataca cagagggacc ctggaaccag aatccctccc catgggaaag acgaaggcac 240
agagattcga gccaagtttc ccaacatgtt ggtgtttgca gaaaagtccg gtcacgtcac 300
acacagcaca gaggcaagaa gcgaaggcag tggcattcac aggactactt tatattaaag 360
tttattacat ttggaaaatc tactgtacag ggaaaaaccc attggattaa gtagagtttt 420
gccaaaagca aaagactatc actctttgga aaatattcct gattccagcc canggcccag 480
ggtggggcca ca 492

<210> 1042
<211> 125
<212> DNA
<213> Homo sapien

<400> 1042
cctggctctg atccagtgac ccctctcacc aaagaactcg gtttaaccag ggctctgtaa 60
gaccactccc acccagagac ttgtgtggcc tggtgtggcc tgtgtgtcgg attccttcct 120
gtcag 125

<210> 1043
<211> 459
<212> DNA
<213> Homo sapien

<400> 1043
ccagcctgga gataagggtg aaggtggtgc ccccggactt ccaggtatag ctggacctcg 60

tggtagccct ggtgagagag gtgaaactgg ccctccagga cctgctggtt tccctggtgc 120
tcctggacag aatggtgaac ctggtggtaa gggagaaaga ggggctccgg gtgagaaagg 180
tgaaggaggc cctcctggag ttgcaggacc ccctggaggt tctggacctg ctggtcctcc 240
tggtccccaa ggtgtcaaag gtgaacgtgg cagtcctggt ggacctggtg ctgctggctt 300
ccctggtgct cgtggtcttc ctggtcctcc tggtagtaat ggtaacccag gacccccagg 360
tcccagcggt tctccaggca aggatgggcc cccaggtcct gcgggtaaca ctggtgctcc 420
tggcagccct ggagtgtctg gaccaaaagg tgatgctgg 459

<210> 1044
<211> 368
<212> DNA
<213> Homo sapien

<400> 1044
cctgggcccg ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
ttatttactg agatggagtc ttgctctgtc acccaggctg gagtgcagtg gtgcaatctc 120
ggctcactgc aacctctgcc tcctgggctg cagtgattct cctgcgttca agtaattctc 180
ctgcctcggc cttctgagta gttgggatta caggcatatg ccaccacact tggctaattt 240
tttgtatttt tagtagaaat ggggtttcac catgttggcg aggctggtct cgaactcctg 300
acctcaagga tcctcctgcc tcggcctcct aaggtgctgg gattgcaggt gtgagccacc 360
acgtctgg 368

<210> 1045
<211> 315
<212> DNA
<213> Homo sapien

<400> 1045
ccaatgggct ttgctgtagc ttgctgaaat caccaagcag gagagattta accagaggcg 60
atgtgtccag tcaccagcat agagccatcc tctgtgtcac catccacacg cagggcctcc 120
tggcagacct catgcaatgc cctccatgtt aatattcatc agaaaatgga taattagggg 180
ggccagcaaa aatatcaagg gtcaaatatc gcacatttct gtttaggcca tctatggctt 240
tcatctcctc tgaagtcaac tggaattcaa acacctgcac gttctgtctg atgcgctgct 300
cattgtagct cttgg 315

<210> 1046
<211> 317
<212> DNA
<213> Homo sapien

<400> 1046
cctcgcctgg agggccccgg gcagcacagg gaggacgagc ttgtccagca gagggtctgg 60
cagagggtcc cgcagaggtt tgggcagggg gtctgacatc cctggctcct gctctggctc 120
tggctgccgg gatttgcaca ggcccaggtg catacagatg ccgtttgagt caatctggtt 180
ctggaagtag tcgatgacca gggggaagta gtcgtcaagc acttggttgc actggggcat 240
gagcagcttc aaggggagga cgttgcactc ctgctccagg aacttcctca ccgtgtcctg 300
gaaaatggcc tccttgg 317

<210> 1047
<211> 412
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 1047
gtacaagctt ttttttttt ttttttttt tttgtttaat gcttgaactt tattttggag 60
agagaaattt agaaagacac aaggtacaca gagtaaaatg tttttctttt ttcaggacct 120
tgaactgaat cttgcactgc tttggtttct atctaggaag ctcagcgaca gcagagtctg 180
tanaggcggc cactgatttc acacaccccg gagagggact cacgggtagc acaacggccg 240
gttcggcaat agcaggtggc tcttgcctga naacctgagg ttctaanagc ananagtcca 300
tttcctgcaa aggagatagc aaggtcctgg ttgtcttccc canactgctt ctgggttgta 360
gcctcatcag ctctttcctg gagtgactca gcctgggcct gcagggccac ca 412

<210> 1048
<211> 476
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(476)
<223> n = A,T,C or G

<400> 1048
taaaaaaagg aaaaagtttt attacgaaac tagtttgtat aaaacagggt tatacatatt 60
tttgtaagtt tgtaataaaa cagtaagaaa aaaaggcagt aatagaaatc tccaaaaggc 120
aacctatcaa aaccaactgg ctgccacttt gagtttggac agtagctgca taaactttgt 180
tcttcttgaa cagtatttaa taacatcatt aatacattaa caacatttct ataaagtaag 240
acacattggt gctgaagtac aactggnggc ctcttgatct cacctatgag gagagttctt 300
tacaaaacca catagggaaa attgcagttg taaggngaac tacncatcta aaatatgcan 360
aggtaatagc attacatgtt aaaggtatca agggnatata cacattttaa accatttgnn 420
acaaaacttn tataaaattt ntttctctct ctttctctct tatgcacaaa aaatat 476

<210> 1049
<211> 274
<212> DNA
<213> Homo sapien

<400> 1049
cctggctgag caggcagagc accctgggac cccagggcag aaggacccct gccctccagt 60
ccccaagacc caggcccgtc tccactcata cacgccacct acatgtgacg tcagccctga 120
aaaggtaaca ggaaagttca gaacaaaaac aaaaccccaa aagtaaaaag gctacgtgta 180
gcagagtaat accggaaacg ttatatacac aggcggtgat ggccccctcg gaagtgtccg 240
ggtcacttag ggggcactgc agaggtccct gtgg 274

<210> 1050
<211> 472
<212> DNA
<213> Homo sapien

<400> 1050
ctgcagcctg ggactgaccg ggaggctctg attatttacc caccacaggt aggttgtgtt 60
ctgaatctca ggttcacagg ttaaggctac agcatcctca tcctccacgg ggttggagtt 120
gttgctggtg atgaagggtt tgggtggctc tgcatagact gtgatcgtcg tgactgtggt 180

cctattgagg ccagtgtctg agttatgggc ttggcacgta taggatccac tattattcac 240
agtgatgttg gggataaaga gctcttgggt ggattgctgg aaagtcccat tgacaaacca 300
agagtactgt gcaggtgggt tagaggctgc gtggcaggag aggttcagat tttcccctga 360
tctgtaagat gtgtttagag gggaaatggt gggggcatcc gggccataga ggacattcag 420
gatgactgaa tcactgcgcc tggcactcac tgggttctgg gtttcacatt tg 472

<210> 1051
<211> 249
<212> DNA
<213> Homo sapien

<400> 1051
ccaccaaccg tggcatcacg cgaatccggg gcaccagcta ccagagccct cacggcatcc 60
ccatagacct gctggaccgg ctgcttatcg tctccaccac cccctacagc gagaaagaca 120
cgaagcagat cctccgcatc cggtgcgagg aagaagatgt ggagatgagt gaggacgcct 180
acacggtgct gacccgcatc gggctggaga cgtcactgcg ctacgccatc cagctcatca 240
cagacctgc 249

<210> 1052
<211> 289
<212> DNA
<213> Homo sapien

<400> 1052
ccaggaccac aaccccacgc tgtagctggt agcgcagggc aatcagggct ggggttcgct 60
tgtgcttttt tgccaaggca caaaggactg ggtcctccaa gagcaccggg gagttcgggt 120
ccacccatcg tttgtctcgt tgagatccca gagcactata ggcaaccaga acaatatctt 180
tcgacttgca gaaatctagc aatttactcc ggttgaaata cggatgacat tctacctggt 240
tgcagacagg cttgtacttg agtcctggct tgttgaggat catctccag 289

<210> 1053
<211> 199
<212> DNA
<213> Homo sapien

<400> 1053
ccacgactgc atgcccgcgc ccgccaggtg atacctccgc cggtgaccca ggggctctgc 60
gacacaagga gtctgcatgt ctaagtgcta gacatgctca gctttgtgga tacgcggact 120
ttgttgctgc ttgcagtaac cttatgccta gcaacatgcc aatctttaca agaggaaacc 180
gtaagaaagg gcccagccg 199

<210> 1054
<211> 224
<212> DNA
<213> Homo sapien

<400> 1054
tcgaccctgt gaagcaggag acagatgctg cattttcact gttgtttgtc ctctgttttt 60
gtagcatccc cgggaacttc cccatcagcc aggggcttgt ccccaccacc cttcacctgg 120
ctttccagtt ggctgagacg ctgcttcatc ttcatctggg tggcgttgta ctcagccagg 180
aggcgtgcaa acctggtctg cagggcgtcc agggaggacc ccag 224

<210> 1055
<211> 390

<212> DNA
<213> Homo sapien

<400> 1055
cctcttatta gggctctggt agcggcggcg gcggaccctt ggggtctgga cgcaacggcg 60
gcgggagcat gaacgcccct ccagccttcg agtcgttctt gctcttcgag ggcgagaaga 120
agatcaccat taacaaggac accaaggtac ccaatgcctg tttattcacc atcaacaaag 180
aagaccacac actgggaaac atcattaaat cacaactcct aaaagacccg caagtgctat 240
ttgctggcta caaagtcccc cacccccttgg agcacaagat catcatccga gtgcagacca 300
cgccggacta cagcccccag gaagcctttg ccaacgccat caccgacctc atcagtgagc 360
tgtccctgct ggaggagcgc tttcgggtgg 390

<210> 1056
<211> 450
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 1056
ccagcatcac cttttggtcc nnacactcca gggctgccag gagcaccagt gttacccgca 60
ggacctgggg gcccatcctt gcctggagaa ccgctgggac ctgggggtcc tgggttacca 120
ttactaccag gaggaccagg aagaccacga gcaccaggga agccagcagc accaggtcca 180
ccaggactgc cacgttcacc tttgacacct tggggaccag gaggaccagn angtccagaa 240
cctccagggg gtcctgcaac tccaggaggg cctccttcac ctttctcacc cggagcccct 300
ctttctcctt taccaccagg ttcaccattc tgtccaggag caccagggaa accagcaggt 360
cctggagggc cagtttnacc tctctcacca nggctaccac gaggtccagc tatacctgga 420
agtccggggg caccaccttc acccttacct 450

<210> 1057
<211> 337
<212> DNA
<213> Homo sapien

<400> 1057
tgagcggccg cccggcaggt cctcgcctgg agggccccgg gcagcacagg gaggacgagc 60
ttgtccagca gagggtctgg cagagggtcc cgcagaggtt tgggcagggg gtctgacatc 120
cctggctcct gctctggctc tggctgccgg gatttgcaca ggcccaggtg catacagatg 180
ccgtttgagt caatctggtt ctggaagtag tcgatgacca gggggaagta gtcgtcaagc 240
acttggttgc actggggcat gagcagcttc aaggggagga cgttgcactc ctgctccagg 300
aacttcctca tcgtgtcctg gaaaatggcc tccttgg 337

<210> 1058
<211> 237
<212> DNA
<213> Homo sapien

<400> 1058
ctggggactg ggaatgctag catatggtat ctcaagttgg ctctcagaac taaacgggga 60
taagggccta gaatggaaga gggaaccagc cagaccctca gtccttcctg tcctggactg 120
ggagccacag atgtccctgt gatctgtcac tgccctgatc tgggtcttca gccattaaag 180

ctcagtgtca tcttcagtca ccaacggggg tcttggtgtc cttccaaacc cctttgg 237

<210> 1059
<211> 210
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(210)
<223> n = A,T,C or G

<400> 1059
agcccatccc cccggctccc tcctagtctg ccctgcgtcc tctgtccccg ggtttcagag 60
acaacttccc aaagcacaaa gcagtttttc cccctagggg tgggaggaag caaaagactc 120
tgtacctact ttgtatgtgt ataataattt gagatgtttt taattattnn gattgctgga 180
ataaagcatg tggaaatgac ccaaaaaaaa 210

<210> 1060
<211> 564
<212> DNA
<213> Homo sapien

<400> 1060
ctggccacag agcccagcaa gtccttcctg ggagagaaga gttagggctg atactgaagg 60
tctctttcac atctgggcac acgtctgcct tcaggctgta agaatttcat ttgtcgattg 120
ttaaataaaa ccaggagaaa gcaatgcagg tctctgggaa tctcatccct tccataagga 180
aaatgctctg ccaattcaag tttcattcag tcaggaagac agaaggattt aaggcttcgg 240
tgacaattat aatcctctga gaaattattt ccccttaaag tcaagataag ataatagtgt 300
ttactgtact ttctcttgac tcttgaaatc cctggtattg ggtgtaggca acttgcacct 360
gcaatgaagt ccgcaggaga ggaaggtctc tcctccccg aaagctatcc caggtcacat 420
gcgtggcgaa tgcccactga acctcggctc tcatggaagc aggaaagaca ccgagattca 480
agccttctag taggttgagg acgctgtgct catggcatct tcggagattt tggtactggc 540
aggggtggat gcttgcaaaa tact 564

<210> 1061
<211> 267
<212> DNA
<213> Homo sapien

<400> 1061
cctatggagg tgcctatgat gtcatgagct ctaagcacct ttgtggtgat accaactatg 60
cctggcccac cgcagagatt gcggtcatgg gagcaaaggg cgctgtggag atcatcttca 120
aagggcatga gaatgtggaa gctgctcagg cagagtacat cgagaagttt gccaaccctt 180
tccctgcagc agtgcgaggg tttgtggatg acatcatcca accttcttcc acacgtgccc 240
gaatctgctg tgacctggat gtcttgg 267

<210> 1062
<211> 603
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature

<222> (1)...(603)
<223> n = A,T,C or G

<400> 1062
ctggtcatct tgtcatgtga agaccatctt cctacagagt ctaggctggc cgtcgttgaa 60
gtcctcacca gtactacacc acttttcctc accaaccccc atcctattct tgagttgcag 120
gatacacttg ctctctggaa gtgtgtcctt acccttctgc agagtgagga gcaagctgtt 180
agagatgcag ccacggaaac cgtgacaact gccatgtcac aagaaaatac ctgccagtca 240
acagagtttg ccttctgcca ggtggatgcc tccatcgctc tggccctggc cctggccgtc 300
ctgtgtgatc tgctccagca gtgggaccag ttggcccctg gactgcccat cctgctggga 360
tggctgttgg gagagagtga tgacctcgtg gcctgtgtgg agagcatgca tcaggtggaa 420
gaagactacc tgtttgaaaa agcagaagtc aacttttggg ccgagaccct gatctttgtg 480
aaatacctct gcaagcacct cttctgtctc ctctcaaaag tccggctggc gtnccccaag 540
ccctgagatg ctctgtcacc ttcaaaggat ggtgtcagag cagtgccacc tnctgtctca 600
gtt 603

<210> 1063
<211> 222
<212> DNA
<213> Homo sapien

<400> 1063
ccatcgtgga tcactgagat gcagtggcgg tccccgtagc tggcccgtgg catgccaccc 60
tggaagatgg tgaagggcaa cccctgccta gtggtcagcc ggaggattct ggtaatcgct 120
ttgcaaggaa agggaccgta aggcacgagg ctgcggaggg gctctggttg ctgggcttcg 180
ctggacacgg gccactggca gtagctgccg tcagagtgac ag 222

<210> 1064
<211> 72
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(72)
<223> n = A,T,C or G

<400> 1064
gatgatcaat atnnactgga acacatgcat gcttttggaa tgtataatta cctgcactgt 60
gattcatggt at 72

<210> 1065
<211> 251
<212> DNA
<213> Homo sapien

<400> 1065
gtggccgtga tggatagcga caccacaggc aagctgggct ttgaggaatt caagtacttg 60
tggaacaaca tcaaaaggtg gcaggccata tacaaacagt tcgacactga ccgatcaggg 120
accatttgca gtagtgaact cccaggtgcc tttgaggcag cagggttcca cctgaatgag 180
catctctata acatgatcat ccgacgctac tcagatgaaa gtgggaacat ggattttgac 240
aacttcatca g 251

<210> 1066

<211> 289
<212> DNA
<213> Homo sapien

<400> 1066
ctggagatga tcctcaacaa gccagggctc aagtacaagc ctgtctgcaa ccaggtggaa 60
tgtcatcctt acttcaacca gagaaaactg ctggatttct gcaagtcaaa agacattgtt 120
ctggttgcct atagtgctct gggatcccac cgagaagaac catgggtgga cccgaactcc 180
ccagtgctct tggaggaccc agtcctttgt gccttggcaa aaaagcacaa gcgaacccca 240
gccctgattg ccctgcgcta ccagctacag cgtggggttg tggtcctgg 289

<210> 1067
<211> 301
<212> DNA
<213> Homo sapien

<400> 1067
ctgtagttga ctgaagtcgc taaacaggac ggatttaagt agaggtgata tgtccagtca 60
ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcagg 120
caaagctctc catgttaata ttcatctgaa tatggataat tagggtggct agcaaaacta 180
tcactgttaa aatagtggag atttctgtct aggccatcta tggctttcat gtcctccgca 240
gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300
g 301

<210> 1068
<211> 255
<212> DNA
<213> Homo sapien

<400> 1068
ccagcagttc ctctttgcct tatatttgtg gtacgcccgg ccagccttca agatgggttt 60
gtcaattcgg ccacctccag ccaccacacc aaccacagct ctgttggctg aggagataac 120
cttcttggag ccggagggca gcttcacacg ggtcttcttg gtctcagggt tgtgggagat 180
aacggtggca tagttccctg atgcccgggc cagcttgcca cggtctccag gcttctcctc 240
caggcagcac acgat 255

<210> 1069
<211> 77
<212> DNA
<213> Homo sapien

<400> 1069
ctggacaggc tccagcaccg gcccaaacac gcccagacct cggcaggcac cacctggttc 60
tcccacccag aaagttc 77

<210> 1070
<211> 163
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 1070
ctgctgggat gnctgccaag tttttcagcc ataaggtagc gaaatctagc agaatccaga 60
ttacatccac ttccaatcac gcggtgtttg ggtaatccac ctagtttnna ggtaacatac 120
gtaagaatgt ccactgngtt ggaaacnnca attatgatgc aat 163

<210> 1071
<211> 246
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 1071
ctgaccggac cggncatgcc cgtccggaac gtctataaga aggagaaagc tcgagtcatc 60
actgaggaag agaagaattt caaagccttc gctagtctcc gtatggcccg tgccaacgcc 120
cggctcttcg gcatacgggc aaaaagagcc aaggaagccg cagaacagga tgttgaaaag 180
aaaaaataaa gccctcctgg ggacttggaa tcagtcggca gacaaaaaaa aaaaaaaaaa 240
aacaaa 246

<210> 1072
<211> 224
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(224)
<223> n = A,T,C or G

<400> 1072
ctgccctgac agagcgctcc ttgatgggca tggactggaa aggatcccag gaatacaaga 60
aggcagaaaa aaaagtttgg aagatcttta aatctgacag tgaagtggct ggttacatcc 120
ggcaagcggg tgacttccat cangtaatta ttcgaggtgg aggacatatt ttaccctatg 180
accagcctct gagagctttt gacatgatta atcgattcat ttat 224

<210> 1073
<211> 301
<212> DNA
<213> Homo sapien

<400> 1073
ctgtagttga ctgaagtcgc taaacaggac ggatttaagt agaggtgata tgtccagtca 60
ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcagg 120
caaagctctc catgttaata ttcatctgaa tatggataat tagggtggct agcaaaacta 180
tcactgttaa aatagtggag atttctgtct aggccatcta tggctttcat gtcctctgca 240
gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300
g 301

<210> 1074
<211> 132

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 1074
caagcttttt ttttttttt ttttttttt ttcgctcaaa nactttnttt tattantaca 60
tgggctggna ttgatggnaa gggacaaatg tanttggcaa ccatggttag catcggatgc 120
ccatcccaat gg 132

<210> 1075
<211> 301
<212> DNA
<213> Homo sapien

<400> 1075
ctgtagttga ctgaagtcgc taaacaggac ggatttaagt agaggtgata tgtccagtca 60
ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcagg 120
caaagctctc catgttaata ttcatctgaa tatggataat tagggtggct agcaaaacta 180
tcactgttaa aatagtggag atttctgtct aggccatcta tggctttcat gtcctctgca 240
gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300
g 301

<210> 1076
<211> 436
<212> DNA
<213> Homo sapien

<400> 1076
ctgctgggat gaatgccaag tttttcagcc ataaggtagc gaaatctagc agaatccaga 60
ttacatccac ttccaatcac gcggtgtttg ggtaatccac ctagtttcca ggtaacatac 120
gtaagaatgt ccactgggtt ggaaaccaca attatgatgc aatcaggact gtacttgacg 180
atctgaggaa taatgaattt gaagacatta acatttctct gcaccagatt gagccgactc 240
tccccttctt gctgacggac tcctgcagtt actactacaa tcttagaatt ggcggtcaca 300
gaataatctt tatctgccac aattttaggt gtctgaagaa ataagctccc atgctgcaga 360
tccatcattt ctcctttaag cttatcttcc aaaacatcca caagagcaag ttcatcagcc 420
agagactttc ccagaa 436

<210> 1077
<211> 256
<212> DNA
<213> Homo sapien

<400> 1077
ctgaagatta ataggaaaca gtgaaaaagc aacgtcctgt gatcagtaac tttaaagaca 60
agcttggttc tctctttctg gcactactga cattcccacc attctagctt ccgaattctg 120
gaaaaagaga agatgattaa caaaaataga gaatgtagaa acttctggtt ttgtgcctac 180
aggattggca ccagaccctc agtgctcact tgctccatct acaaggcagc acccctccca 240
gaggcagcca gggagg 256

<210> 1078

<211> 202
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(202)
<223> n = A,T,C or G

<400> 1078
ctgtgctncn caaccagatc catgtnaagt gccccgccca gagaagggag ccagggggag 60
ctgactncag ncaacancca gtgnccggat gancaccaac atgtgagggg tgaaccttgg 120
cctccangac atntgcaccc cctncccacc tccacggacc tcggacctcc aggcggctca 180
gtgctgcctg cggcccagct aa 202

<210> 1079
<211> 170
<212> DNA
<213> Homo sapien

<400> 1079
gcgcttctcg ggcaccgtca ggcttaagtc cactccccgc cctaagttct ctgtgtgtgt 60
cctgggggac cagcagcact gtgacgaggc taaggccgtg gatatccccc acatggacat 120
cgaggcgctg aaaaaactca acaagaataa aaaactggtc aagaagctgg 170

<210> 1080
<211> 494
<212> DNA
<213> Homo sapien

<400> 1080
cctgcggcaa agagatgcgc ttattgagaa acatggctta gttataatcc ccgatggcac 60
tcccaatggt gatgtcagtc atgaaccagt ggctggagcc atcactgttg tgtctcagga 120
agctgctcag gtcttggagt cagcaggaga agggccatta gatgtaaggc tacgaaaact 180
tgctggagag aaggaagaac tactgtcaca gattagaaaa ctgaagcttc agttagagga 240
ggaacgacag aaatgctcca ggaatgatgg cacagtgggt gacctggcag gactgcagaa 300
tggctcagac ttgcagttca tcgaaatgca gagagatgcc aatagacaaa ttagcgaata 360
caaatttaag ctttcaaaag cagaacagga tataactacc ttggagcaaa gtattagccg 420
gcttgaggga caggttctga gatataaaac tgctgctgag aatgctgagg aaagttgaag 480
atgaattgaa agca 494

<210> 1081
<211> 123
<212> DNA
<213> Homo sapien

<400> 1081
ctgctgctat taagttgcaa gctctacagc tagctacatg actgatggat cagtttgaga 60
tttgttccct tgtcaaaagt ttaactctga tagaaggttg gcctcacatt ctgatgtttg 120
gac 123

<210> 1082
<211> 297
<212> DNA

<213> Homo sapien

<400> 1082
cctgcacttg aacatggctt tggttttaag caacttctct accctgaccc tcctcctggg 60
acagcgtttc gggaggtttc ttggcctcac tgagagggat gtggagctgc tgtaccccgt 120
caaggagaag gtattctaca gcctgatgag ggagagcggc tacatgcaca tccagtgcac 180
caagcctgac accgtaggct ctgctctgaa tgactctcct gtgggtctgg ctgcctatat 240
tctagagaag ttttccacct ggaccaatac ggaattccga tacctggagg atggagg 297

<210> 1083
<211> 452
<212> DNA
<213> Homo sapien

<400> 1083
ctgggccacg aggacaccac cagcttggat cggcctcgcc gtgtggaata ctttgtagat 60
aagcaactcc aagtaaaggc tgtcacctgt gggccgtgga acacctacgt gtatgctgtg 120
gagaaaggga agagctgaca tgtgtacgta tatgtatatg caacacctgt gagaccccca 180
ttcaggtcaa ggaaaaccat tgcctgcacc ccaagggccc catatttgcc cctccccatc 240
acagtcctgc ccttcaccct caagcacggt cctaaacttg tctgcacttt agaaacacct 300
ggagagcatt gaaaactctg ctgcctaagg tcagcatcaa tcaaaacaat gaaatcaatg 360
aaacaatgaa accagagctt ctaggtgtgt ggcctggata gtggtagatt caaagctcca 420
cccacctcat cccaggtaca tttgatgtgc ag 452

<210> 1084
<211> 301
<212> DNA
<213> Homo sapien

<400> 1084
ctgtagttga ctgaagtcgc taaacaggac ggatttaagt agaggtgata tgtccagtca 60
ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcggg 120
caaagctctc catgttaata ttcatctgaa tatggataat tagggtggct agcaaaacta 180
tcactgttaa aatagtggag atttctgtct aggccatcta tggctttcat gtcctctgca 240
gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300
g 301

<210> 1085
<211> 369
<212> DNA
<213> Homo sapien

<400> 1085
ctgtttccca tgggccacca ggcggctcag gacagcaaac gtctcatccc ctctcaggat 60
gtacttctcc atgtcctgct cgatccactg gtacatgagg cccttcacat gcacgtctcg 120
gatggcgtcc gtcacgtcct tgtagagatg tgcttggtca aactccaggc tgtggcccag 180
aaagtagtcc accacacagg acagcagagc catctccggt agcgagaaga tgtccatgaa 240
ctgcttaatg gagggaccct tgccatagaa gccactcatc tggtatagtg ggatgtgctg 300
ggtaccccca tacagctcaa tcacctcctc gtctggcaca ggctggaggc ccctgtaggc 360
tgtccccag 369

<210> 1086
<211> 316
<212> DNA

<213> Homo sapien

<400> 1086
cctcagaggt ttctccacag tcctcttctg ggcaaattct tgtttcttca catgccggac 60
tagcttaaga ccaatgcagt agcttatttc caagccttgc aaagtatata atatctaaga 120
ggaaaggttt tgtcatccca gcgttgtcca ctttgtgggg ctttgtaggt agacggagcc 180
acactacagg cagggtatga gcagagggat gtatggagtg tgggtgactc tgagcctcac 240
tgccgctgca aggtggggaa actgtaagtg aacccctgtg ggtgcggggg agggtatccg 300
gtgcgcaggg aggtgg 316

<210> 1087
<211> 329
<212> DNA
<213> Homo sapien

<400> 1087
cctgcagggg atgggacctt ccagaagtgg gcgtctgtgg tggtgccttc tggacaggag 60
cagagataca cctgccatgt gcagcatgag ggtctgccca agcccctcac cctgagatgg 120
gagccgtctt cccagcccac catccccatc gtgggcatca ttgctggcct ggttctcttt 180
ggagctgtga tcgctggagc tgtggtcgct gctgtgatgt ggaggaggaa gagctcagat 240
agaaaaggag ggagctactc tcaggctgca agcagtgaca gtgcccaggg ctctgatatg 300
tctcccacag cttgtaaagt gtgagacag 329

<210> 1088
<211> 342
<212> DNA
<213> Homo sapien

<400> 1088
ccactcactg ctgggaccca ggcacctccc ttctccatcc tctctggatt gtcagtaatg 60
tcctggaaca gaagcctgtg ggatggcctt gggcacggag aagccctggg gtcagtgtcg 120
tgcacggatg gcggcagtgt tgaacccagg aggctgaacc cggcccacca cggaagatga 180
gtgcatggca accgcctgcc ttcacgtcgc tccacttggt aaccccaagg tctgggctgt 240
tctaggtatt gcttcacgtg ccccagcaag cccttaacaa gagggcctgg ttccctgaag 300
aaccaatccc aggaaggggc cttgatccct ccgccttgct ga 342

<210> 1089
<211> 51
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(51)
<223> n = A,T,C or G

<400> 1089
ccttgtgttc agtctccncg ctcttcttgc cactgttgag ggtggagatg t 51

<210> 1090
<211> 515
<212> DNA
<213> Homo sapien

<400> 1090
cctggggagg ccctagggga gcaccgtgat ggagaggaca gagcaggggc tccagcacct 60
tctttctgga ctggcgttca cctccctgct cagtgcttgg gctccacggg caggggtcag 120
agcactccct aatttatgtg ctatataaat acgtcagatg tacatagaga tctatttttt 180
ctaaaacatt cccctcccca ctcctctccc acagagtgct ggactgttcc aggccctcca 240
gtgggctgat gctgggaccc ttaggatggg gctcccagct cctttctcct gtgaatggag 300
gcagagacct ccaataaagt gccttctggg ctttttctaa cctttgtctt agctacctgt 360
gtactgaaat ttgggccttt ggatcgaata tggtcaagag gttggagggg aggaaaatga 420
aggtctacca ggctgagggt gagggcaaag gctgacgaag agggaaagtt acagatttcc 480
tgtagcaggt gtgggcttac agacacatgg actgg 515

<210> 1091
<211> 277
<212> DNA
<213> Homo sapien

<400> 1091
gcgtcccgga gcccacggtg gtcatggctg ccagagcgct ctgcatgctg gggctggtcc 60
tggccttgct gtcctccagc tctgctgagg agtacgtggg cctgtctgca aaccagtgtg 120
ccgtgccagc caaggacagg gtggactgcg gctacccccca tgtcaccccc aaggagtgca 180
acaaccgggg ctgctgcttt gactccagga tccctggagt gccttggtgt ttcaagcccc 240
tgcaggaagc agaatgcacc ttctgaggca cctccag 277

<210> 1092
<211> 368
<212> DNA
<213> Homo sapien

<400> 1092
cctgggcccg ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
ttatttactg agatggagtc ttgctctgtc acccaggctg gagtgcagtg gtgcaatctc 120
ggctcactgc aacctctgcc tcctgggctg cagtgattct cctgcgttca agtaattctc 180
ctgcctcggc cttctgagta gttgggatta caggcatatg ccaccacact tggctaattt 240
tttgtatttt tagtagaaat ggggtttcac catgttggcg aggctggtct cgaactcctg 300
acctcaagga tcctcctgcc tcggcctcct aaggtgctgg gattgcaggt gtgagccacc 360
acgtctgg 368

<210> 1093
<211> 459
<212> DNA
<213> Homo sapien

<400> 1093
ctgtgcatgg agccatttgg atggcggcgg gcgggggggg attctctgta tcaggagtga 60
ctttgttgcc ccacacagcc tcctgctgca ggtgctttgg aaagagatgc tgccttggag 120
ctggtgaatc tgtggaccac attcaagggt gtggcacagg catcttccca tccttttcac 180
tccgaatcgc tggcgacaca ttctcctttc cagctaggaa agggttcctc gcggctggtt 240
tagattgtgg ttgtttgttt tgcttctact aagactgttt tgtttcaaaa aggaaacaag 300
ttttgtgttt gctgtctacg ctggagtcct gaactgtggg tagaaaacac gacctggctt 360
tgtagaaagg acacagggct gttttatgaa ctaagcggtg aggctcaggt ggcggctctc 420
acagagcccc tgatgctgtt gttctttgag ggcttaagg 459

<210> 1094
<211> 610

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

<400> 1094
ccatgcaaaa ggaggtggtg cactcagtgc agtcgctgcc acaaaaagtc cgattatttt 60
cattggtaca ggggaacata tagatgactt tgaacctttc aaaacacagc cttttattag 120
caaacttctt ggtatgggcg acattgaagg actgatagat aaagtcaacg agttgaagtt 180
ggatgacaat gaagcactta tagagaagtt gaaacatggt cagtttacgt tgcgagacat 240
gtatgagcaa tttcaaaata tcatgaaaat gggccccttc agtcagatct tggggatgat 300
ccctggtttt gggacagatt ttatgagcaa aggaaatgaa caggagtcaa tggcaaggct 360
aaagaaatta atgacaataa tggatagtat gaatgatcaa gaactagaca gtacggatgg 420
tgccaaagtt tttagtaaac aaccaggaag aatccaaaga gtagcaagag gatcgggtgt 480
atcaacaaga gatgttcgag aacttttgac acaatatacc aagtttgcac agatggtaaa 540
aaagatggga ggtatcaaag gacttttcaa aggtgggcga catgtctaan aatgtgagcc 600
agtcacagat 610

<210> 1095
<211> 232
<212> DNA
<213> Homo sapien

<400> 1095
ccttatttct cttgtccttt cgtacaggga ggaatttgaa gtagatagaa accgacctgg 60
attactccgg tctgaactca gatcacgtag gactttaatc gttgaacaaa cgaaccttta 120
atagcggctg caccatcggg atgtcctgat ccaacatcga ggtcgtaaac cctattgttg 180
atatggactc tagaatagga ttgcgctgtt atccctaggg taacttgttc cg 232

<210> 1096
<211> 377
<212> DNA
<213> Homo sapien

<400> 1096
ccacgctcat ggaaaccacc caaggacagc cagagtccac attccctggc aagctgggtg 60
tattcttcca aaagtttccc acccagtggt tcagacaggt gtagcgtctc tgcagggtcc 120
cgtgcaatga agtcaaatgc ctcaggcagg aaagccaggc aggcacccag tctggcagcc 180
tctcgaacca gcccagcaca tgttttaaag ttctgttgct tgtctggcgt cgatgttacc 240
tggcacacag ccaccagggg cagttcgcag gaggaagagg agatagccat ggctctgggc 300
ctgggctgag cacaaagtac tgagagttga ggtatccgga gtccaggaca cagaagggac 360
aggaatctgt gaggagg 377

<210> 1097
<211> 311
<212> DNA
<213> Homo sapien

<400> 1097
ccacgccatg ggctggagc actcccaaga ccctggggcc ctgatggcac ccatttacac 60
ctacaccaag aacttccgtc tgtcccagga tgacatcaag ggcattcagg agctctatgg 120

ggcctctcct gacattgacc ttggcaccgg ccccaccccc acactgggcc ctgtcactcc 180
tgagatctgc aaacaggaca ttgtatttga tggcatcgct cagatccgtg gtgagatctt 240
cttcttcaag gaccggttca tttggcggac tgtgacgcca cgtgacaagc ccatggggcc 300
cctgctggtg g 311

<210> 1098
<211> 404
<212> DNA
<213> Homo sapien

<400> 1098
ccacccacgc ttaggttccc atcacactga tgactccggg tttggcgagc acaggagcgc 60
aaaccttttc acattctttc tgtgatccaa atttgttttc gtttccacca caacctccat 120
accagaatct tgcacagctt ttggtgtttg gatcatagta ccattttaat atgaaatccc 180
tgcaagttcc ttcgtctttc ggcaacttgc atatatctgt ttcagtgaga gccaatggtt 240
ctgtgctcac cattagattg atggttgaac tagaagctga ccttgctggc tgtggaggtg 300
ggggctgaga tttctttgta ctgaaacttc cgtggtaggt ggctctgacc tgagacctca 360
ggtagcagac cacagccaca tggtatgtct gcccagcgag cagg 404

<210> 1099
<211> 442
<212> DNA
<213> Homo sapien

<400> 1099
ccatgggatg gctcttctga ccattggggg ccaggccagg ccaggccagg cttagggtag 60
caaggaccag gccaaagggg cagggcctcc tttggagggg ttgaggggta catcctcggc 120
tggtgtttgc atccaggggt ccagcaggat ctcttccagt gagggtcggg aagaaggttt 180
gggggccagg caccggcgga ttagggcaca gcagtctggg gagacatggg ctgggaagtg 240
gagctcagct tccagaatct cctggtccct ctcaaaggga atgtccccac acaccatgtc 300
atagaggagg atgcccagtg accagacagt ggccgggagt gcatggtact ggtgtcgaga 360
gatccactct ggggggctgt acaccccttgt cccatcaaag tcagtgtagg gttcatcatg 420
aagcagggca ccaggaacca aa 442

<210> 1100
<211> 191
<212> DNA
<213> Homo sapien

<400> 1100
ccacgaaaat caatgagaag ccacaggtga tcgcggacta tgagagcgga cgggccatac 60
ccaataacca ggtgcttggc aaaatcgagc gggccattgg cctcaagctc cggggaaagg 120
acattggaaa gcccatcgag aaggggccta gggcgaaatg aacacaaagc ctcgaaatca 180
gtgcgctcca g 191

<210> 1101
<211> 178
<212> DNA
<213> Homo sapien

<400> 1101
cgggtacttt ggtggacatg aaggaactgg gcatatggga gccattggct gtgaagctgc 60
agacttataa gacagcagtg gagacggcag ttctgctact gcgaattgat gacatcgttt 120
caggccacaa aaagaaaggc gatgaccaga gccggcaagg cggggctcct gatgctgg 178

<210> 1102
<211> 209
<212> DNA
<213> Homo sapien

<400> 1102
agccaggcta gtgacagaaa tggattcgaa atatcagtgt gtgaagctga atgatggtca 60
cttcatgcct gtcctgggat ttggcaccta tgcgcctgca gaggttccta aaagtaaagc 120
tttagaggcc accaaattgg caattgaagc tggcttccgc catattgatt ctgctcattt 180
atacaataat gaggagcagg ttggactgg 209

<210> 1103
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 1103
ctatagggct cgagggccgc ccgggcaggt ggtgcctcta atactggtga tgctagaggt 60
gatgtttttg gtaaacaggc ggggtaagat ttgccgagtt ccttttactt tttttaacct 120
ttccttatga gcatgcctgt gttgggttga cagtgggggt aataatgact tgttggttga 180
ttgtagatat tgggctgtta attgtcagtt cagcgtttta atctgacgca ggcttatgca 240
gaggagaatg ttttcatgtt acttatacta acattagttc ttctataggg tgatagattg 300
gtccaattgg gtgtgaggag ttcagttata tgtttgggat tttttaggta ntgggtgttg 360
agcttgaacg ctttcttaat tggtggctgc tttagg 396

<210> 1104
<211> 342
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 1104
ctgctgatac ccaggcagta gctgatgctg tcacctacca gctcggtttc cacagcattg 60
aactgaatga gcctccactg gtccacacag cagccagcct ctttaaggag atgtgttacc 120
gataccggga agacctgatg gcgggaatca tcatcgcagg ctgggaccct caagaaggag 180
ggcaggtgta ctcagtgcct atgggggtta tgatggtaag gcantncttt gccattggag 240
gctccgggag ctcctacatc tatggctatg ttgatgctac ctaccgggaa ggcatgacca 300
angaagagtg tctgcaattc actgccaatg ctctcgcttt gg 342

<210> 1105
<211> 551
<212> DNA
<213> Homo sapien

<400> 1105
ctggggccac tgtcggcatc atgattggag tgctggttgg ggttgctctg atatagcagc 60
cctggtgtag tttcttcatt tcaggaagac tgacagttgt tttgcttctt ccttaaagca 120
tttgcaacag ctacagtcta aaattgcttc tttaccaagg atatttacgg aaaagactct 180
gaccagagat cgagaccatc ctagccaaca tcgtgaaacc ccatctctac taaaaataca 240
gaaattagct ggacatggtg gcatgtgcct gtaatcccag ctactcagga ggctgaggca 300
ggagaactgc ttgaacaggg acccgggagg cggagattgg agtgagccga gatcgcgcca 360
ctgcactcca gtctgggcta cacagtgaga ctctgtctca agaaaaataa acagaagaat 420
tgggggttgg gggtgggaaa cagtgtttcc aggcagagag aacagcacgt acaaaggaga 480
ctgttgggag ggttaaatga aataattcat gtaaggtact tagtaccaca catgaatttc 540
acaagcagca g 551

<210> 1106
<211> 280
<212> DNA
<213> Homo sapien

<400> 1106
ctgctcttca cacagggttc tggggaaaac aaggaagaga tcatcaatta tgaatttgac 60
accaaggacc tggtgtgcct gggcctgagc agcatcgttg gcgtctggta cctgctgagg 120
aagcactgga ttgccaacaa ccttttggc ctggccttct cccttaatgg agtagggctc 180
ctgcacctca acaatgtcag cactggctgc atcctgctgg gcggactctt catctacgat 240
gtcttctggg tatttggcac caatgtgatg gtgacagtgg 280

<210> 1107
<211> 570
<212> DNA
<213> Homo sapien

<400> 1107
ctgattagtg tctaaggaat ggtccaatac tgttgccctt ttccttgact attacactgc 60
ctggaggata gcagagaagc ctgtctgtac ttcattcaaa aagccaaaat agagagtata 120
cagtcctaga gaattcctct atttgttcag atctcataga tgacccccag gtattgtctt 180
ttgacatcca gcagtccaag gtattgagac atattactgg aagtaagaaa tattactata 240
attgagaact acagctttta agattgtact tttatcttaa aagggtggta gttttcccta 300
aaatacttat tatgtaaggg tcattagaca aatgtcttga agtagacatg gaatttatga 360
atggttcttt atcatttctc ttcccccttt ttggcatcct ggcttgcctc cagttttagg 420
tcctttagtt tgcttctgta agcaacggga acacctgctg agggggctct ttccctcatg 480
tatacttcaa gtaagatcaa gaatcttttg tgaaattata gaaatttact atgtaaatgc 540
ttgatggaat tttttcctgc tagtgtagct 570

<210> 1108
<211> 386
<212> DNA
<213> Homo sapien

<400> 1108
ctgttcctgc ggtgacactg tataaacacg atgaccctgc cttgacttta gttgctggtc 60
ttacatcaaa taagcccaca gacaaactcc gtgccctgcc tctgtggtta tctttacaat 120
acttgggact tgatgggttt gtggagagga tcaagcatgc ctgtcaactg agtcaacggt 180
tgcaggaaag tttgaagaaa gtgaattaca tcaaaatctt ggtggaagat gagctcagct 240
ccccagtggt ggtgttcaga tttttccagg aattaccagg ctcagatccg gtgtttaaag 300
ccgtcccagt gcccaacatg acaccttcag gagtcggccg ggagaggcac tcgtgtgacg 360
cgctgaatcg ctggctggga gaacag 386

<210> 1109
<211> 409
<212> DNA
<213> Homo sapien

<400> 1109
ctctggtctg taaccagtct cttcaaggca ttatctcctg gggccaggat ccgtgtgcga 60
tcacccgaaa gcctggtgtc tacacgaaag tctgcaaata tgtggactgg atccaggaga 120
cgatgaagaa caattagact ggacccaccc accacagccc atcaccctcc atttccactt 180
ggtgtttggt tcctgttcac tctgttaata agaaacccta agccaagacc ctctacgaac 240
attctttggg cctcctggac tacaggagat gctgtcactt aataatcaac ctggggttcg 300
aaatcagtga gacctggatt caaattctgc cttgaaatat tgtgactctg ggaatgacaa 360
cacctggttt gttctctgtt gtatccccag ccccaaagac agctcctgg 409

<210> 1110
<211> 215
<212> DNA
<213> Homo sapien

<400> 1110
ccattttgga gtgtgtccat tgggtagcaa tgtggaaacc accagggcct ttgtggagaa 60
aatggagggg gttgagggag tcccaggagg ggcttatttg agggcctttg ccacttgctc 120
ataggcgagc tcgatctcct catcatctgg acaggtggaa gcgaattctt cccgggcgta 180
ggcattgctc aagtaccgat gcactccccg gaagg 215

<210> 1111
<211> 308
<212> DNA
<213> Homo sapien

<400> 1111
cctgggcccg ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
ttatttactg agatggagtc ttgctctgtc acccaggctg gagtgcagtg gtgcaatctc 120
ggctcactgc aacctctgcc tcctgggctg cagtgattct cctgcgttca agtaattctc 180
ctgcctcggc cttctgagta gttgggatta caggcatatg ccaccacact tggctaattt 240
tttgtatttt tagtagaaat ggggtttcac catgttggcg aggctggtct cgaactcctg 300
acctcaag 308

<210> 1112
<211> 177
<212> DNA
<213> Homo sapien

<400> 1112
ccactggctc cctgggccag ggcctcgggg ccgcttgtgg gatggcctac accggcaaat 60
acttcgacaa ggccagctac cgagtctatt gcttgctggg agacggggag ctgtcagagg 120
gctctgtatg ggaggccatg gccttcgcca gcatctataa gctggacaac cttgtgg 177

<210> 1113
<211> 646
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

<400> 1113
ccccaccatg gacacacttt gctacacact cctgctgctg accacccctt cctgggtctt 60
gtcccaggtc accttgaagg agtctggtcc tgtactggtg aaacccacag agaccctcac 120
gctgacctgc accgtctctg ggttttcact cagtaatatt agagtgggtg tgagttggat 180
ccgtcagccc ccagggaagg ccctggagtg gtttgcatac atttttcga ctgacgaaaa 240
atccttcaat tcatctctga agaacaggct caccatctcc aaggacacct ctaaaagcca 300
ggtggtcctt agcatgacca acatggaccc tgtggacaca gccacatatt actgtgcacg 360
gctctctatt tacttcgggg agttagaaac ctaccaatac atggacgtct ggggcaaagg 420
gaccaccgcc accgtctcct cagcatcccc gaccagcccc aaggtcttcc cgctgagcct 480
ctgcagcacc cagccagatg ggaacgtggt catcgcctgc ctggtccang gcttcttccc 540
ccaggagcca ctcagtgtga cctggagcga aagcggacan ggcgtgaccg ccagaaactt 600
ccccacccag ccaggatgcc tncggggacc tgtacaccac gagcag 646

<210> 1114
<211> 420
<212> DNA
<213> Homo sapien

<400> 1114
tgttgtttta ctcacctaac ccttagaaaa tgaatgttag aaggtgcctg ccgaggcggg 60
acagagtgtt cgctcgcgct ggagaaggct ctgctcagcc ctgagagtcc cttcctgccc 120
caccgatact ggcactttaa aaaggaagct gaccgcacag tgtccagacg aattggcccc 180
cagaagatgg ggagttctgt cctgcccttc tgtgtctgcg tgacctcacc cagcctagga 240
gggaggtgca ttcagggtag atttgcctct cattcaaagt tctggggctt tgggtggaaa 300
acagccagct ttggcgctgt tggggagact cctccagacc aggaacccca gaaggagaca 360
gagcctgcca catcctccca cgccaggccc tgggccaggg tgattggact gagaatttgg 420

<210> 1115
<211> 416
<212> DNA
<213> Homo sapien

<400> 1115
ctgaaagttt ctaaaataga aacctggtgc atatggcccc aaaacaccac atgctttgat 60
tacactcagg gagcatgagt tgcctatttg ggtgagaaaa tcccatgtta cagtgcgatc 120
gctgggcacg ttttggagta attccagcca ctgctatgta agtgttttta attcaggggt 180
gtcttctacg ttttcatctt ctgaatatct tgtgacggtg caggtttgag caaaactggc 240
atgaaatgag agctgtttta gatgaagatt gcaagatgga tggcttggcc cacagtggca 300
gtgggttggg ggtggaatgt ggacaattag gaaaaaggca tgtcattcta tctggctcct 360
ggagaggcag atagtcctgg gggctttggt gtcacagttc ccaaaagcaa ggttgg 416

<210> 1116
<211> 382
<212> DNA
<213> Homo sapien

<400> 1116
ccttatttct cttgtccttt cgtacaggga ggaatttgaa gtagatagaa accgacctgg 60
attactccgg tctgaactca gatcacgtag gactttaatc gttgaacaaa cgaaccttta 120

atagcggctg caccatcggg atgtcctgat ccaacatcga ggtcgtaaac cctattgttg 180
atatggactc tagaatagga ttgcgctgtt atccctaggg taacttgttc cgttggtcaa 240
gttattggat caattgagta tagtagttcg ctttgactgg tgaagtctta gcatgtactg 300
ctcggaggtt gggttctgct ccgaggtcgc cccaaccgaa aatttttaat gcaggcttgg 360
tagtttagga cctgtgggtt tg 382

<210> 1117
<211> 370
<212> DNA
<213> Homo sapien

<400> 1117
ctgcgtgtct gaaaaccaaa gatttaaaac atagtaatta ttgaacctca gaagaaaaac 60
tcagattgaa agagcttaga ataagaccct ttttgagttg agaaaggtga gtacttagat 120
ttttcatttg ctttgtttgg gattacttac atcagtattt tatgttgatc agaaagaaag 180
gattcaatta gctattgttc ggttaataaa aatgtcagcc actgtaggag taagttggat 240
gtccagcctt tttagattgc ttaacttgga aacactggac tgggagcggt ggctcatgcc 300
tgtgatccca gcactctggg aggccaaggc aggcagatca ctggaggtca ggagtttgag 360
accaacctgg 370

<210> 1118
<211> 494
<212> DNA
<213> Homo sapien

<400> 1118
ctgtctctta cttttaacca gtgaaattga cctgcccgtg aagaggcggg cataacacag 60
caagacgaga agaccctatg gagctttaat ttattaatgc aaacagtacc tgacaaaccc 120
acaggtccta aactaccaga cctgcattaa aaatttcggt tggggcgacc tcggagcaga 180
acccaacctc cgagcagtac atgctaagac ttcaccagtc aaagcgaact actatactca 240
attgatccaa taacttgacc aacggaacaa gttaccctag ggataacagc gcaatcctat 300
tctagagtcc atatcaacaa tagggtttac gacctcgatg ttggatcagg acatcccgat 360
ggtgcagccg ctattaaagg ttcgtttgtt caacgattaa agtcctacgt gatctgagtt 420
cagaccggag taatccaggt cggtttctat ctacttcaaa ttcctccctg tacgaaagga 480
caagagaaat aagg 494

<210> 1119
<211> 407
<212> DNA
<213> Homo sapien

<400> 1119
ccttatgact acaacggccc acgagaaaaa tatggaatcg ttgattacat gatcgagcag 60
tccgggcctc cctccaagga gattctgacc ctgaagcagg tccaggagtt cctgaaggat 120
ggagacgatg tcatcatcat cggggtcttt aagggggaga gtgacccagc ctaccagcaa 180
taccaggatg ccgctaacaa cctgagagaa gattacaaat ttcaccacac tttcagcaca 240
gaaatagcaa agttcttgaa agtctcccag gggcagtcgg ttgtaatgca gcctgagaaa 300
ttccagtcca agtatgagcc ccggagccac atgatggacg tccagggctc cacccaggac 360
tcggccatca aggacttcgt gctgaagtac gccctgcccc tggttgg 407

<210> 1120
<211> 548
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(548)
<223> n = A,T,C or G

<400> 1120
ccccagagga cccgttggac ccagtggacc tcctggcaaa gatggaacca gtggacatcc 60
aggtcccatt ggaccaccag ggcctcgagg taacagaggt gaaagaggat ctgagggctc 120
cccaggccac ccagggcaac caggccctcc tggacctcct ggtgcccctg gtccttgctg 180
tggtggtgtt ggagccgctg ccattgctgg gattggaggt gaaaaagctg gcggttttgc 240
cccgtattat ggagatgaac caatggattt caaaatcaac accgatgaga ttatggcttc 300
actcaagtct gttaatggac aaatagaaag cctcattagt cctgatggtt ctcgtaaaaa 360
cccagctaga aactgcagag acctgaaatt ctgccatcct gaactcaaga gtggagaata 420
ctgggttgac cctaaccaag gatgcaaatt ggatgctatc aaggtattct gtaatatgga 480
aactggggaa acatgcataa gtgccaatcc ttngaatgtt ccacggaaac actggtggac 540
agattcta 548

<210> 1121
<211> 278
<212> DNA
<213> Homo sapien

<400> 1121
cggccgaggt ccgccatggc gtgtgctcgc ccactgatat cggtgtactc cgaaaagggg 60
gagtcatctg gcaaaaatgt cactttgcct gctgtattca aggctcctat tcgaccagat 120
attgtgaact ttgtttacac caacttgcgc aaaaacaaca gacagcccta tgctgtcagt 180
gaattagcag gtcatcagac tagtgctgag tcttggggta ctggcagagc tgtggctcga 240
attcccagag ttcgaggtgg tgggactcac cgctctgg 278

<210> 1122
<211> 591
<212> DNA
<213> Homo sapien

<400> 1122
ctgcagcggc agaggcagca tccagcggcg gcgccagcag ttccagtccg ttgctttact 60
ttttgcttca ccgacatagt cattatgccg aagagaaagt ctccagagaa tacagagggc 120
aaagatggat ccaaagtaac taaacaggag cccacaagac ggtctgccag attgtcagcg 180
aaacctgctc caccaaaacc tgaacccaaa ccaagaaaaa catctgctaa gaaagaacct 240
ggagcaaaga ttagcagagg tgctaaaggg aagaaggagg aaaagcagga agctggaaag 300
gaaggcacag aaaactgaat ctgtagataa cgagggagaa tgaattgtca tgaaaaattg 360
gggttgattt tatgtatctc ttgggacaac ttttaaaagc tatttttacc aagtattttg 420
taaatgctaa ttttttagga ctctactagt tggcatacga aaatatataa ggatggacat 480
tttatcgtct catagtcatg ctttttggaa atttacatca tcctcaagta aaataaatat 540
cagttaaata ttggaagctg tgtgtaagat tgattcagca ttccatgcac t 591

<210> 1123
<211> 454
<212> DNA
<213> Homo sapien

<400> 1123
ccaattgaaa caaacagttc tgagaccgtt cttccactac tgattaagag tggggtggca 60

ggtattaggg ataatattca tttagccttc tgagctttct gggcagactt ggtgaccttg 120
ccagctccag cagccttctt gtccactgct ttgatgacac ccaccgcaac tgtctgtctc 180
atatcacgaa cagcaaagcg acccaaaggt ggatagtctg agaagctctc aacacacatg 240
ggcttgccag gaaccatatc aacaatggca gcatcaccag acttcaagaa tttagggcca 300
tcttccagct ttttaccaga acggcgatca atcttttcct tcagctcagc aaacttgcat 360
gcaatgtgag ccgtgtggca atccaataca ggggcatagc cggcgcttat ttggcctgga 420
tggttcagga taatcacctg agcagtgaag ccag 454

<210> 1124
<211> 219
<212> DNA
<213> Homo sapien

<400> 1124
cctgctccag agcacggctg accatttctg ctccgggatc tcagctcccg ttccccaagc 60
acactcctag ctgctccagt ctcagcctgg gcagcttccc cctgcctttt gcacgtttgc 120
atccccagca tttcctgagt tataaggcca caggagtgga tagctgtttt cacctaaagg 180
aaaagcccac ccgaatcttg tagaaatatt caaactaat 219

<210> 1125
<211> 246
<212> DNA
<213> Homo sapien

<400> 1125
ccagagctgg gcccaagctg cgctggaatc gcagcaggag aggggagtgg gctggttctt 60
cccaccactt cccaggctct gacagccgag actcatttcc aaggcacagc agctttctaa 120
agggactgag tttggactgg gttttggacc tccaggggct ggagcttcat cacctgggca 180
gtgtcttttc tcagagagca ggtttcttta tagtttggaa ataaatggtt cacggttcaa 240
aagaaa 246

<210> 1126
<211> 227
<212> DNA
<213> Homo sapien

<400> 1126
ccattgttcc cgtgcatcga agcttgcagg cagcttcagg tcctcggtaa acataactct 60
ctggggtggc ttgggcccac ccaggaaggt accacatagc ctcttcaagt agctcatgtc 120
cacgttgtag aagttgtggc cggcctgcca cgtggtattc cgtttgttga catagttgac 180
cagctcatcc gacaggggat ggaaagaggg cctgctccgg gcattgg 227

<210> 1127
<211> 377
<212> DNA
<213> Homo sapien

<400> 1127
cctgccgtcg atgccaggga ggccgacagg accttctttt ccagcggggc cgatatttcc 60
aggggaacca ggaagacctc tgggtcccat gagaccaggc tccccagggc gaccagcatc 120
tccattaggt cctcggactc cagcagggcc acttgcacca cgactaccag gagggcccat 180
gacgccagct ctgccatcag ctccaggaag accacgagaa ccaggactac ctctcagccc 240
aggaggtcct ggagggccgg cagatccagc ttccccatta gggcctctct ttccttcttc 300
accactggga ccaggaggac cttggggccc agcagagccg ggctcaccct tgttaccgct 360

ctctcctttg gagccag 377

<210> 1128
<211> 253
<212> DNA
<213> Homo sapien

<400> 1128
gagagctatt gctttgttaa gatataaaaa ggggtttctt tttgtctttc tgtaaggtgg 60
acttccagct tttgattgaa agtcctaggg tgattctatt tctgctgtga tttatctgct 120
gaaagctcag ctggggttgt gcaagctagg gacccattcc tgtgtaatac aatgtctgca 180
ccaatgctaa taaagtccta ttctctttta tgagaaagaa aaagacactg tcctttaaag 240
tgctgcagta tgg 253

<210> 1129
<211> 314
<212> DNA
<213> Homo sapien

<400> 1129
ccaagagcta caatgagcag cgcatcagac agaacgtgca ggtgtttgaa ttccagttga 60
cttcagagga gatgaaagcc atagatggcc taaacagaaa tgtgcgatat ttgacccttg 120
atatttttgc tggcccccca attatccatt ttctgatgaa tattaacatg gagggcattg 180
catgaggtct accagaaggc cctgcgtgtg gatggtgaca cagaggatgg ctctatgctg 240
gtgactggac acatcgcctc tggttaaatc tctcctgctt ggtgatttca gcaagctaca 300
gcaaagccca ttgg 314

<210> 1130
<211> 239
<212> DNA
<213> Homo sapien

<400> 1130
ccagtccaac ctgctcctca ttattgtata aatgagcaga atcaatatgg cggaagtcag 60
cttcaattgc caatttggtg gcctctaaag ctttactttt aggaacctct gcaggcgcat 120
aggtgccaaa tcccaggaca ggcatgaagt gaccatcatt cagcttcaca cactgatatt 180
tcgaatccat ttctgtcact agcctggcta gcaaatgttt cttcctccct cacaggcta 239

<210> 1131
<211> 402
<212> DNA
<213> Homo sapien

<400> 1131
aaggagtcct gcttatcaca atgaatgttc tcctgggcag cgttgtgatc tttgccacct 60
tcgtgacttt atgcaatgca tcatgctatt tcatacctaa tgagggagtt ccaggagatt 120
caaccaggaa atgcatggat ctcaaaggaa acaaacaccc aataaactcg gagtggcaga 180
ctgacaactg tgagacatgc acttgctacg aaacagaaat ttcatgttgc acccttgttt 240
ctacacctgt gggttatgac aaagacaact gccaaagaat cttcaagaag gaggactgca 300
agtatatcgt ggtggagaag aaggacccaa aaaagacctg ttctgtcagt gaatggataa 360
tctaatgtgc ttctagtagg cacagggctc ccaggccagg ac 402

<210> 1132
<211> 304

<212> DNA
<213> Homo sapien

<400> 1132
ccaccccgga gatgacacga ggctcacatg actctagaca cttggtggaa agtgaggcga 60
gaaaaacaat gacttgggcc aattacacga ctgcaaagct agagctgcca acagggctcc 120
agggagcttg gcttctgtag aagttctaag gaagcggtac gaactccacg gcggtggggc 180
gctaactagc agggacccct gcaagtgttg gtcgggggcc tcgagctgcc tgagctgaca 240
cgaggggagg ggtctgtgta gccaacaggt gaccgaaggg cttgcctgcc cacagcttac 300
ttgg 304

<210> 1133
<211> 224
<212> DNA
<213> Homo sapien

<400> 1133
ctgacatttt ctatagtaga tatggaggag gtccaagact aactgtgaaa gccctgtgta 60
aggaatgtgt agtagaacgt tgtcgcatat tgcgtctgaa gaaccaacta aatgaagatt 120
ataaaactgt taataatctg ctgaaagcag cagtaaaggg cagcgatgga ttttgggtgg 180
ggaagtcctc cttgcggagt tggcgccagc tagctcttga acag 224

<210> 1134
<211> 250
<212> DNA
<213> Homo sapien

<400> 1134
cctactctgc tgaggtggcg cttcctgcta agggcccttc tctgcccttt ctgccctcct 60
tcccatccca catgctgagc cgccacaaag accaaagaag tgatggcttt tctctgtccc 120
ctgctgctct gaggggagag gggtgggtct cctgagccac tcagatggga aagtcccttа 180
ctcggcccct ccctccccag cagccccaag ctttacactg gatgcagcga tcaacccacc 240
actcaccagg 250

<210> 1135
<211> 315
<212> DNA
<213> Homo sapien

<400> 1135
ccaatgggct ttgctgtagc ttgctgaaat caccaagcag gagagattta accagaggcg 60
atgtgtccag tcaccagcat agagccatcc tctgtgtcac catccacacg cagggccttc 120
tggtagacct catgcaatgc cctccatgtt aatattcatc agaaaatgga taattagggg 180
ggccagcaaa aatatcaagg gtcaaatatc gcacatttct gtttaggcca tctatggctt 240
tcatctcctc tgaagtcaac tggaattcaa acacctgcac gttccgtctg atgcgctgct 300
cattgtagct cttgg 315

<210> 1136
<211> 377
<212> DNA
<213> Homo sapien

<400> 1136
cctgccgtcg atgccaggga ggccgacagg accttctttt ccagcggggc cgatatttcc 60

aggggaacca ggaagacctc tgggtcccat gagaccaggc tccccagggc gaccagcatc 120
tccattaggt cctcggactc cagcagggcc acttgcacca cgactaccag gagggcccat 180
gacgccagct ctgccatcag ctccaggaag accacgagaa ccaggactac ctctcagccc 240
aggaggtcct ggagggccgg cagatccagc ttccccatta gggcctctct ttccttcttc 300
accactggga ccaggaggac cttggggccc agcagagccg ggctcaccct tgttaccgct 360
ctctcctttg gagccag 377

<210> 1137
<211> 250
<212> DNA
<213> Homo sapien

<400> 1137
ctgttcaact tccaactcta aataggcacc attaaacaaa aaaccccagt attttaaatt 60
tctccagcac acattccagg atcaatgctc tgaactgtaa tcagctagta attcataacg 120
ggaatacagc cttagaatgg aagctatatt gcttccctgc ccctttctc ttacaattgg 180
agagtgtagg tattaaggga tacaaagtca gaggaagaat aattaaaaag aaaaatgccc 240
aaagctgcag 250

<210> 1138
<211> 511
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(511)
<223> n = A,T,C or G

<400> 1138
tcgaccaggt cctcctgggc catctggtcc ccgaggtcag cctggtgtca tgggcttccc 60
cggtcctaaa ggaaatgatg gtgctcctgg taagaatgga gaacgaggtg gccctggagg 120
acctggccct cagggtcctc ctggaaagaa tggtgaaact ggacctcagg gacccccagg 180
gcctactggg cctggtggtg acaaaggaga cacaggaccc cctggtccac aaggattaca 240
aggcttgcct ggtacaggtg gtcctccagg agaaaatgga aaacctgggg aaccaggtcc 300
aaagggtgat gccggtgcac ctggagctcc aggaggcaag ggtgatgctg gtgcccctgg 360
tgaacgtgga cctcctggat tggcaggggc cccaggactt agaggtggag ctggtccccc 420
tggtcccgaa ngaggaaagg gtgctgctgg tcctcctggg ccacctggtg ctgctggtac 480
tcctggtctg caaggaatgc ctggagaaag a 511

<210> 1139
<211> 505
<212> DNA
<213> Homo sapien

<400> 1139
ctgtggactc cagcatgttt ctgataatta tgcaagcaac aattctgtag cctcaagtaa 60
gaccacctgt gaacttgatc attatctggc ccaaatatga agataaacta taactttgga 120
gtttgtttcc tatttgtatt cacattctgc ttcctaaatc agttttctaa attgtgcctg 180
caattaggca ttggtcaggg gtgaatggct cttttcacag agagtagcca accagagacc 240
tttgctttga tatcatcaac tgcagagaat gctgttgatg ggaatgctgg aagcagaaac 300
tttgtcatcg gaaaaacttt tcttgtatgc atgagactca acatcaggat ccacagctta 360
aagatgggaa ttcaggtatg aaagaaaaca ggcaaggagg cactgaggga gaaagacaca 420
gactttatcg ctctgtggct cattgttact ggaatattct aaaactcttg ttcacatgct 480

attatgactt ataaagcagc aacag 505

<210> 1140
<211> 256
<212> DNA
<213> Homo sapien

<400> 1140
ctgtagcttc tgtgggactt ccactgctcg ggcgtcaggc tcaggtagct gctggccgcg 60
tacttgttgt tgctctgttt ggagggtttg gtggtctcca ctcccgcctt gacggggctg 120
ccatctgcct tccaggccac tgtcacagct cccgggtaga agtcactgat cagacacact 180
agtgtggcct tgttggcttg gagctcctca gaggagggcg ggaacagagt gacagtgggg 240
ttggccttgg gctgac 256

<210> 1141
<211> 371
<212> DNA
<213> Homo sapien

<400> 1141
ccagggcccc attctgtctg tgggactgtg ggttctcagt ggaattgttg cctttcttgt 60
cgtggagaaa tttgtgagac atgtgaaagg aggacatggt cacagtcatg gacatggaca 120
cgctcacagt catgcacgtg gaagtcatgg acatggaaga caagagcgtt ctaccaagga 180
gaagcagagc tcagaggaag aagaaaagga aacaagaggg gttcagaaga ggcgaggagg 240
gagcacagta cccaaagatg ggccagtgag acctcagaac gctgaagaag aaaaaagagg 300
cttagacctg cgtgtgtcgg ggtacctgaa tctggctgct gacttggcac acaacttcac 360
tgatggtctg g 371

<210> 1142
<211> 312
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 1142
cctcccacac tgtcaaatgt caactccacc agcactgaga caatgagtag atgagaatgt 60
agaaagaggg aaggtggtag gtaaaggagc ggaaggaaga ggtggggaaa gagggaaggt 120
ggtaggtaaa ggagcggaag gaagaggtgg ggaaagaggg aaggagagaa gggaaggagg 180
gaagagaaag aaggaagaaa aggaaagcat ggcccggcta gagacaaagc cagaggtgat 240
caggtcagca gcaggagagg ctcagaaggg agcctctcgg gaagtgcagg cngccatgag 300
ggctcgtttc ag 312

<210> 1143
<211> 367
<212> DNA
<213> Homo sapien

<400> 1143
ccagacgtgg tggctcacac ctgcaatccc agcaccttag gaggccgagg caggaggatc 60
cttgaggtca ggagttcgag accagcctcg ccaacatggt gaaaccccat ttctactaaa 120

atacaaaaaa ttagccaagt gtggtggcat atgcctgtaa tcccaactac tcagaaggcc 180
gaggcaggag aattacttga acgcaggaga atcactgcag cccaggaggc agaggttgca 240
gtgagccgag attgcaccac tgcactccag cctgggtgac tgagcaagac tccatctcag 300
taaataaata aataaataaa aagcgctgca gtagctgtgg cctcaccctg aagtcagcgg 360
gcccagg 367

<210> 1144
<211> 159
<212> DNA
<213> Homo sapien

<400> 1144
cctggaggag cggccgcaca cacagccagg cgctaggctc cctgcgggac ctcgggaagg 60
gggaagagcg tcaacgattt acggagggtc cagccgctgg gtcagattga gacaaaccat 120
tgtgtggttg ggttcgggtc agcaggctgg agagggttc 159

<210> 1145
<211> 450
<212> DNA
<213> Homo sapien

<400> 1145
ccatgggtgt ctggagcacc ctgaaactgt atcaaagttg tacatatttc caaacatttt 60
taaaatgaaa aggcactctc gtgttctcct cactctgtgc actttgctgt tggtgtgaca 120
aggcatttaa agatgtttct ggcattttct ttttatttgt aaggtggtgg taactatggt 180
tattggctag aaatcctgag ttttcaactg tatatatcta tagtttgtaa aaagaacaaa 240
acaaccgaga caaacccttg atgctccttg ctcggcgttg aggctgtggg gaagatgcct 300
tttgggagag gctgtagctc agggcgtgca ctgtgaggct ggacctgttg actctgcagg 360
gggcatccat ttagcttcag gttgtcttgt ttctgtatat agtgacatag cattctgctg 420
ccatcttagc tgtggacaaa ggggggtcag 450

<210> 1146
<211> 324
<212> DNA
<213> Homo sapien

<400> 1146
ccatacaggg ctgttgccca ggccctagag gtcattcctc gtaccctgat ccagaactgt 60
ggggccagca ccatccgtct acttacctcc cttcgggcca agcacaccca ggagaactgt 120
gagacctggg gtgtaaatgg tgagacgggt actttggtgg acatgaagga actgggcata 180
tgggagccat tggctgtgaa gctgcagact tataagacag cagtggagac ggcagttctg 240
ctactgcgaa ttgatgacat cgtttcaggc cacaaaaaga aaggcgatga ccagagccgg 300
caaggcgggg ctcctgatgc tgga 324

<210> 1147
<211> 191
<212> DNA
<213> Homo sapien

<400> 1147
ccacgaaaat caatgagaag ccacaggtga tcgcggacta tgagagcgga cgggccatac 60
ccaataacca ggtgcttggc aaaatcgagc gggccattgg cctcaagctc cggggaaagg 120
acattggaaa gcccatcgag aaggggccta gggcgaaatg aacacaaagc ctcgaaatca 180
gtgtgctcca g 191

<210> 1148
<211> 344
<212> DNA
<213> Homo sapien

<400> 1148
ctgtccaatg acaacaggac cctcactcta ctcagtgtca caaggaatga tgtaggaccc 60
tatgagtgtg gaatccagaa cgaattaagt gttgaccaca gcgacccagt catcctgaat 120
gtcctctatg gcccagacga ccccaccatt tccccctcat acacctatta ccgtccaggg 180
gtgaacctca gcctctcctg ccatgcagcc tctaacccac ctgcacagta ttcttggctg 240
attgatggga acatccagca acacacacaa gagctcttta tctccaacat cactgagaag 300
aacagcggac tctatacctg ccaggccaat aactcagcca gtgg 344

<210> 1149
<211> 329
<212> DNA
<213> Homo sapien

<400> 1149
ctgacccact cactgggcgg gggcacaggc tctggaatgg gcactctcct tatcagcaag 60
atccgagaag aataccctga tcgcatcatg aataccttca gtgtggtgcc ttcacccaaa 120
gtgtctgaca ccgtggtcga gccctacaat gccaccctct ccgtccatca gttggtagag 180
aatactgatg agacctattg cattgacaac gaggccctct atgatatctg cttccgcact 240
ctgaagctga ccacaccaac ctacggggat ctgaaccacc ttgtctcagc caccatgagt 300
ggtgtcacca cctgcctccg tttccctgg 329

<210> 1150
<211> 406
<212> DNA
<213> Homo sapien

<400> 1150
ccagttattt gcaagtggta agagcctatt taccataaat aatactaaga accaactcaa 60
gtcaaacctt aatgccattg ttattgtgaa ttaggattaa gtagtaattt tcagaattca 120
cattaacttg atttaaaat cagttttgtg agtcatttac cacaagctaa atgtgtacac 180
tatgataaaa acaaccattg tattcctgtt tttctaaaca gtcctaattt ctaacactgt 240
atatatcctt cgacatcaat gaactttgtt ttcttttact ccagtaataa agtaggcaca 300
gatctgtcca caacaaactt gccctctcat gccttgcctc tcaccatgct ctgctccagg 360
tcagccccct tttggcctgt ttgttttgtc aaaaacctaa tctgct 406

<210> 1151
<211> 346
<212> DNA
<213> Homo sapien

<400> 1151
ctgcgtgagt accaggagct gatgaacgtc aagctggccc tggacatcga gatcgccacc 60
tacaggaagc tgctggaggg cgaggagagc cggctggagt ctgggatgca gaacatgagt 120
attcatacga agaccaccag cggctatgca ggtggtctga gctcggccta tgggggcctc 180
acaagccccg gcctcagcta cagcctgggc tccagctttg gctctggcgc gggctccagc 240
tccttcagcc gcaccagctc ctccagggcc gtggttgtga agaagatcga gacacgtgat 300
gggaagctgg tgtctgagtc ctctgacgtc ctgcccaagt gaacag 346

<210> 1152
<211> 427
<212> DNA
<213> Homo sapien

<400> 1152
ctggactgct gtacatcaag gacagattaa ctggaaaaca tatgttcctt atgcgtgatc 60
gagagccatt cagaaaagac ttcctttgtg ttcagcctat acttttccat atggtatacc 120
ttgaaaaaaa ttagcacacc atggttattt ttctaccttt tataaaagac agagcctgtt 180
tactcattta gaagatagag aaaattggtc taaaattgaa catcctagat tcacactccc 240
aagtcactta aggtgatttg atggtgagga aaatgattga cagagcccaa caatgatctc 300
aggaattaca ttttccaaca gaccaaaaaa tgttttcatg tagcagcaat gcagatttgg 360
tgaatattta atatatattt tagtatgtat ttcactttat gactgacaat taaaaaatat 420
tgtttgg 427

<210> 1153
<211> 331
<212> DNA
<213> Homo sapien

<400> 1153
ctggccggcg gtgcagatct ggagtccagc ctcagggatg cgctactttc cattctctgc 60
attgaacatt cgttctgtca gcatccgctc cagcttcact gcatcagcgg caaacttgcg 120
gatcccgtca gagagcttct ccacagccat ctggtcctcg ttgtgcaacc aacggaaaga 180
cttctcatcc aggtggattt tttccaggtc actggcttgg gctgggggac aagaaccagc 240
cttccatgcc tgctccatgt ccctgcccac cttggcccct tgggctcagg gcctgaaccg 300
ctgcacccaa gcatctccca ccagggccag g 331

<210> 1154
<211> 403
<212> DNA
<213> Homo sapien

<400> 1154
ctgaactttc agatgaagtt gacttctact tgattgcagg attcagggtt tctcagatgt 60
taatacagag tcaaaagcgg tggataaaac cttgcaaatg gcttgtgctt gttccaggct 120
gttgcactga taaacccaca ggctgtattc ctcattgctt gcatctgtgg tcttcagagc 180
cagtaagctt tttcccgccc ccagaccgtc atcgtaacac accatccgga ttattaagta 240
gagagcatgc ctgtgcaaaa catcatattg atctgatgtt gatactttta tgccatactt 300
ggaaactccc ataataaatt cttcctccgg aggaacaaaa ggcaactttc catcttgctg 360
ggcaacgtct atataattta tcaggtctaa tggcccttca agg 403

<210> 1155
<211> 491
<212> DNA
<213> Homo sapien

<400> 1155
cctccctctc agagcttgcc ccagggactc tctggccctc agggttcaat gtattctgac 60
caaggccaag ctttcctggg gctcagggaa aatcacactt tgctacccga agctgtatcc 120
cctcagatgc caggaaggcc gtgatcatct gactccaccc tcctgagaca cattctctcc 180
ctgactgtcc tgttctaagt cagcggagca ccttaggatg gaggggtgga ggcgaggcca 240
gatgcagcct ctgtgaacag gtgcctggag gctgggaaat gaccctgaga gggcaggaca 300
cagcaaccgt gggcttaagg tgaccttgag agcaagcttg gcccacttta caattctgtt 360

cagagccagc ccctaacatg gtggtcattt attcatttgt tccctcattt taaaaaatgt 420
aaggccaggc atggtggctc acgccgggta atcccagcac tttgggaggc cgaggcaggc 480
agatcacctg a 491

<210> 1156
<211> 586
<212> DNA
<213> Homo sapien

<400> 1156
agcaaataga agcaatcagg gcactgcaag ttgtgactac tccaagatgt gaatcatgga 60
tcatgcaaat tacaatcatg ttttaacctg acctccaaag ggagaataaa gtaaaaatta 120
tcccatgtga ggattattca ccagtttata tgtcattagt taccagtttt tctttatgaa 180
taatgtttag caatattata aagtatatct aatagttatc aggtttttgg cttgttactt 240
tttggtagta acttataaaa ctgactggaa aagaccaata aggcactgtt tgcatgttac 300
aaattatatc caaagaccaa aagctgttaa taagaaatct tccaataaaa ccacatcata 360
ttttcttttt tatttacacc cacatcagga ttacaacttt atcaggactg caccttgatc 420
aggaagggat gtttctctta caaggctaat aagaaaggaa caataaattt gctgatgaaa 480
aaagtcatgc atttaaaaat tttaacttta atttttaatt gagggcaata ttttaaagaa 540
atgctcatta gtcattcctt taaattgtgt gtgtgagaga gagaaa 586

<210> 1157
<211> 392
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 1157
cctccggctg gtgttctgag ggttgccagg ccatcgtgga cacaggcacc tctctgctca 60
ctgtgcccca gcagtacatg agtgctcttc tgcaggccac aggggcccag gaggatgagt 120
atggacagtt tctcgtgaac tgtaacagca ttcagaatct gcccagcttg accttcatca 180
tcaatggtgt ggagttccct ctgccacctt cctcctatat cctcagtaac aacggctact 240
gcaccgtggg agtcgagccc acctacctgt cctcccagaa cggccagccc ctgtggatcc 300
tcggggatgt cttcctcagg tcctactatt ccgtctacga cttgggcaac aacagagtag 360
gctttgccac tgncgcctag acttgctgnc tc 392

<210> 1158
<211> 375
<212> DNA
<213> Homo sapien

<400> 1158
gggaaaaata attttattcc tcaaatgatc agcacattca gaagcaggac agaggagctc 60
tgatgacatc tctgggggac tcaaagcggc cctcatttc tggtattttc ccaggtgatt 120
ctcttccaac ctgtgagtcc tgctctcttt cctcccatct gaagtttgag acatcctctg 180
ccacaaggaa agccaccaat accagcccaa agagccacca gagaggaacc aaaccacatg 240
catcaagtta taggaaggat gcaagaaggg aaattaggaa ggaaagggag gagtttagtt 300
ggcattctgg ggcatgctaa catgagggcg atggtctctc tccaagtcgc tggacatatc 360
ccttttcttt ccagg 375

<210> 1159
<211> 361
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 1159
gtttattgta aaaaacaaaa aactctgtat tgtgcacatg aagacctgga gatgtgccga 60
cttcctgtcc ccaaagccaa tcttccccgc caaggcgact gaggatttca agggctcaga 120
gttactgcag gaatccaggt gacaccagga agagaagggg gaggagggga atcggagggg 180
atgggtttaa aaggcagagg ggagggagat ggaagggaat gaggaggagg gagactgagg 240
gggctgcctt tccttgggga ctggggaact catgccctgc ccccacccgc agggctccag 300
gggtgagaga aaggggtgga gaataaagaa ttgggcanca gggtgatggg gggaacagca 360
g 361

<210> 1160
<211> 142
<212> DNA
<213> Homo sapien

<400> 1160
cgcaatgttg ccagtgtctg tctgcaggtt ggctacccaa ctgttgcatc agtaccccat 60
tctatcatca acgggtacaa acgagtcctg gccttgtctg tggagacgga ttacaccttc 120
ccacttgctg aaaaggtcaa gg 142

<210> 1161
<211> 193
<212> DNA
<213> Homo sapien

<400> 1161
ccaaagccta cgaccacctc ttcaagttgc tgctgatcgg ggactcgggg gtgggcaaga 60
cttgtctgat cattcgcttt gcagaggaca acttcaacaa cacttacatc tccaccatcg 120
gaattgattt caagatccgc actgtggata tagaggggaa gaagatcaaa ctacaagtct 180
gggacacggc tgg 193

<210> 1162
<211> 265
<212> DNA
<213> Homo sapien

<400> 1162
cctgggtgcc acgattccca gcctggagcg cagccaggac gtgggagacc ttctcagaga 60
ctctccgggc acactctatg agctccttct tggtgtaggc atcactgggg ctgcactgca 120
gggcgcctgc cttggtgacc agagcggcac agccatggcc cagctcctgt acccggtgtt 180
tgatatggga acctatctct tcattttcag cagccaccgc tgcaggcttg gcctccgagg 240
ccagacggcc atagtcactg gtcag 265

<210> 1163
<211> 337

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 1163
ctgcagagtg gggnaggct tttgccacta gaaacttcca ggatgcacga gatcaaggaa 60
ttaagtctgt aacaaaataa caggatgctc tgtgaagtcc aaagaattgc ttgaggcaaa 120
ctgcagagct ccatgagatc agcaacccca agagctttta caccgccgga cacggtttaa 180
taggaaaaaa atctcctata ctgnntattc anaaccaaat gaanagaaat gtcaaaggag 240
tcggaaacaa tatgtcaaat tangtaaatt cctgacctga cccanatttt gcngaacatt 300
tgatcctaaa ctgtgctgtc cacgtcctta ggatcac 337

<210> 1164
<211> 368
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 1164
ccagacgtgg tggctcacac ctgcaatccc agcaccttag gaggccgagg caggaggatc 60
cttgaggtca ggagttcgag accagcctcg ccaacatggt gaaaccccat ttctactaaa 120
aatacaaaaa attagccaag tgtggtggca tatgcctgta atcccaacta ctcagaaggc 180
cgaggcagga gaattacttg aacgcaggag aatcactgca ncccangagg canaggttgc 240
antgagccga gattgcacca ctgcactcca gcctgggtga cagagcaaga ctccatctca 300
gtaaataaat aaataaataa aaagcgctgc agtagctgtg gcctcaccct gaagtcagcg 360
ggcccagg 368

<210> 1165
<211> 267
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 1165
ctgggaagga ggctcctccg ccttctcctg tttgtcatcc tcctcatcag actcgacctc 60
catctcaact tcctcactct ccccaaactt ttcatagcgc tcctgaatga ggattcgggc 120
ccccagctcc tctggcgtgg tgggggggagg gaagttccct tgctcattgg gttggaagnc 180
cactgtttcc accaccacaa aatcatgcca ntcnatctga gcataggcca cccgntcctt 240
ctccttctcc nnttcttcct tcttcct 267

<210> 1166
<211> 433

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 1166
ctgtctgtac actttttctt gggggaagag ttcttgtctt cagtttactg cagtagggtt 60
cctggctctg ttacatgctc atgtgttccg gaagaacaca tgaaatatca tcccacggat 120
gacgatacag cccctgcttc ancctcttct gatcaagata gtgtccaatg aaccccatac 180
tccttcccag cacaaagatg ccattgaggg ctccaatgtc aatatattca tcagcttcct 240
ccctgcaaca cacatcaact tgtagtttta aaaggctcac gtgactgccc tcctccccac 300
agacagtact actactgccc aanaatgaga agaaaagggg tgctctgggt ggtngcatta 360
caggcaattt ttgttntctt nntttatacct ctccttattt tncaaatntt ctattatgag 420
tntgcattac ttt 433

<210> 1167
<211> 362
<212> DNA
<213> Homo sapien

<400> 1167
cctctggctc tttcttcagc cacttctcca gctcctgcag gttctggtct gagtagtcag 60
tgacgacgat ctccttaaag gattcacaag cagagaggag ctgatagata gtggggccag 120
agccgatgtc aatcagcagg tctcccttca caccgtctag gcagaatatc ttgaaaagat 180
ttttcagaag gtgcttaaga atctggcttt ctgcagagtg cctagaacca aacttgtaat 240
atttttctag gtaatcccga gggttaaaat ggcttagata ggtgtccttg gaggtgaagc 300
ctgattccat tatgtctcac ttccgtacca ctggagcact gccctccttc tctttcctcc 360
ag 362

<210> 1168
<211> 459
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 1168
gcagtcatgg ggcccaggac catgccactg gccctgctcc cccagccgca gcctcacctg 60
caggtgctcc tcgatgtcct tgcggtcgta ggtgatgcca ctgggcgtga tgcacggctc 120
ccgcatcagc tcaaagctga tcttgccaca caggtagtcg gggatgtctc gcttctgtgg 180
cacaggggca cacggtcaga ggctgaaaag gggcactgca cgagcacctg ccagccatcg 240
gcagcaagcg acacacactc accttcctct tctcatccac ctgagaaaaa agctcgtcca 300
tgtccgccat gtacttgtcc tgtgaagagt tgagtgctgt gcttgggggga gacaccccac 360
ctccctcctn catggggcac anacccaaca caaggcgggg atgctnccac gccacgtgca 420
cacacacaga cccacatgtg ggtggggggc accctcacg 459

<210> 1169
<211> 386

<212> DNA
<213> Homo sapien

<400> 1169
ccaggccacc tgtgcggggc tcctcgatgt ggaaggttcg ggtgaggaga ttgtagaagg 60
agccgtagca cacggccacc acagtgcacg tgaggcagat cacgctgtag ggcatgctga 120
agtccggtgt cggcaggttc accagcagcg gctccgtgta gagccgcaca aagtagttag 180
agccatcaga gactgggaac aggctgttga agaggggact ctcttcccag tccactggct 240
tggctgctac catgctgggc acaagggcgc tgaggacaga tgggctgaca tagaagccat 300
ggttaggatc tggcgtgtac tcggtccact tcagcagcgc ccgctcaaac tggatggaaa 360
ccttggtgac tgagttggcc ggccag 386

<210> 1170
<211> 480
<212> DNA
<213> Homo sapien

<400> 1170
ctatttctct gttagtgttt aaccaaccat ctgttctaaa agaagggctg aactgatgga 60
aggaatgctg ttagcctgag actcaggaag acaacttctg cagggtcact ccctggcttc 120
tggaggaaag agaaggaggg cagtgctcca gtggtacaga agtgagacat aatggaatca 180
ggcttcacct ccaaggacac ctatctaagc cattttaacc ctcgggatta cctagaaaaa 240
tattacaagt ttggttctag gcactctgca gaaagccaga ttcttaagca ccttctgaaa 300
aatcttttca agatattctg cctagacggt gtgaagggag acctgctgat tgacatcggc 360
tctggcccca ctatctatca gctcctctct gcttgtgaat cctttaagga gatcgtcgtc 420
actgactact caggaccaga acctgcagga gctggagaag tggctgaaga aagagccaga 480

<210> 1171
<211> 317
<212> DNA
<213> Homo sapien

<400> 1171
cctcagcagc cctgccacgg atctgcccga ttctttcgca tcaagaagtt gatcttgcga 60
gccatttcca tgttgtagat ccgccggcac ctttcatagc tttccctctg tcgccggcgg 120
catggcttct cataataccg ccgatgctta atgtcctcaa tgagcccatc catagtgagg 180
attctgttta gggtcctgta tgcgctttcc acgttccctt cctgtaccat cacagtcctg 240
gcgatgaact tcagatgttt tgccatgacc ttggatttaa accttcactc tgtagagcct 300
cgcgcgctca gtaccta 317

<210> 1172
<211> 202
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(202)
<223> n = A,T,C or G

<400> 1172
ggcaacggga ggaacagcag cagaggcagc angagcagga ggagcgtgaa cgagaagagc 60
ancggcgatn ngctgcnctc agtgaccgan agaagagagc tctggctgca nagcgccgac 120
tcgctgccca gttgggagcc cctacctctc caatccctga ctctgcaatc gtcaatactc 180

gacgctgctg gagttgtggg gc 202

<210> 1173
<211> 173
<212> DNA
<213> Homo sapien

<400> 1173
ctgcctgggt tgtggccgcc ctagcatcct gtatgcccac agctactgga atccccgctg 60
ctgctccagg ccaagcttct ggttgattaa tgagggcatg gggtggtccc tcaagacctt 120
cccctacctt ttgtggaacc agtgatgcct caaagacagt gtcccctcca cag 173

<210> 1174
<211> 301
<212> DNA
<213> Homo sapien

<400> 1174
ccaagagcta caatgggcag cgcatcagac agaacgtgca ggtttttgag ttccagttga 60
ctgcggagga catgaaagcc atagatggcc tagacagaaa tctccactat tttaacagtg 120
atagttttgc tagccaccct aattatccat attcagatga atattaacat ggagagcttt 180
gcctgatgtc taccagaagc cctgtgtgtg gatggtgacg cagaggacgt ctctatgccg 240
gtgactggac atatcacctc tacttaaatc cgtcctgttt agcgacttca gtcaactaca 300
g 301

<210> 1175
<211> 537
<212> DNA
<213> Homo sapien

<400> 1175
cctgcagggc tcggccgtag gagaaggtca gggcccaggg cttcagcagg gggcacttgt 60
taatggcatt gaggttgatg gacgcctcct cctcactctg gcctccagac aggaaggtga 120
tcccagtgac agcgggggcc actgtgcggc gcagcgctgt gacggtcgcc atggcaatct 180
cctcatgaga aaacttctga gtgcaagcat ggcctggggt gaccatgttg ggcttcagca 240
aggtgccttc caggtagatg tggtggtcac tcagagcctt gtagacagca gccagcacct 300
tctcggtcac atactggcag cgcttcaagt catggtcccc atcagggagg atctcaggct 360
ccacgatggg cacaatgcca ttctgctggc agatactggc ataacgggcc agaacattgg 420
cattttccat gatggcgagg gctgaggggg tgtgttcccc aatcttcagc acacaacgcc 480
acttggcgaa gtcagctccg tccttcttgt actgggcaca gcgctcagac agcccat 537

<210> 1176
<211> 384
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 1176
ctgacaaaaa atgtgaaatt tccacaaaat atccaactta tgtgactaaa cgcagtagtt 60
tttttaaaag gggagataga aaataaatgg ttttgttgga gtgcatttta gtaagccttt 120

gcagtaaaat gacggttgta actactaaac caaatttagt tttcacagca tggttttgtt 180
gttttcccct tgtttttcag aggtaaattt tgcattatat ccttcagtat tttaacacta 240
ttttggcagt ttacacatta ctttttgntt ttccttcctt tttgngaaat gtattaagtt 300
gtggttctta ttgaaacagt attatataat gttngcttaa ttatatcatg tgatgctcan 360
ntctattntg atttattcat tagt 384

<210> 1177
<211> 562
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

<400> 1177
ccaacaacat gcaggaagct cagagtatcg atgaaatcta caaatacgac aagaaacagc 60
agcaagaaat cctggcggcg aagccctggg ctaaggatca ccattacttt aagtactgca 120
aaatctcagc attggctctg ctgaagatgg tgatgcatgc cagatcggga ggcaacttgg 180
aagtgatggg tctgatgcta ggaaaggtgg atggtgaaac catgatcatt atggacagtt 240
ttgctttgcc tgtggagggc actgaaaccc gagtaaatgc tcaggctgct gcatatgaat 300
acatggctgc atacatagaa aatgcaaaac aggttggccg ccttgaaaat gcaatcgggt 360
ggtatcatag ccaccctggc tatggctgct ggctttctgg gattgatgtt agtactcaga 420
tgctcaatca gcagttccag gaaccatttg tagcagtggt gattgatcca acaagaacaa 480
tatccgcagg gnaaagtgaa tcttggcgcc tttaggacat acccaaaggg ctacaaacct 540
nctgatgaan gaccttctga gt 562

<210> 1178
<211> 353
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 1178
cgcgtctgga tggccgaatc attcgcacag actgggacgc aggctttaag gagggcaggc 60
aatacggccg tgggcgatct gggggccagg ttcgggatga gtatcggcag gactacnatg 120
ctgggagagg aggctatgga aaactggcac agaaccagtg agtggtgaga gctctgtcag 180
tgacaaacac tcctttggcc tgttgaattt gctgaagaac atcacctaaa gtctgcacac 240
gagcccattt ttaccaagat ttgatcagtg tctttactga gctggaagcc tctgaaagtt 300
attaaaggac agaatccaaa agaatgcctt taattcttgt ctgagaatct tgg 353

<210> 1179
<211> 288
<212> DNA
<213> Homo sapien

<400> 1179
ccaatgggat cctcaaggtg cctgccatca atgtcaatga ctccgtcacc aagagcaagt 60
ttgacaacct ctatggctgc cgggagtccc tcatagatgg catcaagcgg gccacagatg 120

tgatgattgc cggcaaggta gcggtggtag caggctatgg tgatgtgggc aagggctgtg 180
cccaggccct gcggggtttc ggagcccgcg tcatcatcac cgaggttgac cccatcaacg 240
cactgcaggc tgccatggag ggctatgagg tgaccaccat ggatgagg 288

<210> 1180
<211> 523
<212> DNA
<213> Homo sapien

<400> 1180
ctggagagat ggagcggtgg gcaccgtcat ccttcctcat cagccacata gaaggacagt 60
ggcgatttca gcccagcttt tctgactgct tgtaaattga agcccagaac tggtttgcca 120
cctgtgggat cgactcagca ttttaaaata ggaggcagtc gtgagtgcag gtttcttgca 180
gctccgggtg gccctgggct ccaggtcagg agacctcagc tcctgtccct gatctgtggt 240
tgtcaagcct tgcagactct aaactcagca tctttatctg tcagacgtag acacgtggct 300
cccgtggttg gtgcggttgg aatagctgag gtaatacacg gacctccaag cactagagca 360
gtatgaggag ttctgaggaa tggttatcct gcggtgcctg tggtccacag caagccattc 420
ttatcccatc cggtttactt cccacagcca ctttgtaagc ataggcatta tcctctaccc 480
catcatagaa atgaggaaaa gaatcaccaa gagagtaagc agc 523

<210> 1181
<211> 493
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G

<400> 1181
cacagatgaa ggctttgtga tacctgatga agggggccca caggaggagc aagaagagta 60
ttaacagcct ggaccagcag agtaacatcg gaattcttca ctccaaatca tgtgcttaac 120
tgtaaaatac tcccttttgt tatccttaga ggactcactg gtttcttttc ataagcaaaa 180
agtacctctt cttaaagtgc actttgcgga cgtttcactc cttttccaat aagtttgagt 240
taggagcttt taccttgtag cagagcagta ttaacaccta gttggttcac ctggaaaaca 300
gagaggctga ccgtggggct caccatgcgg atgcgggtca cactgaatgc tggagagatg 360
ttatgtaata tgctgaggtg gcgacctcag tggagaaatg taaagactga attgaatttt 420
aagctaatgt gaaatcanag aatgttgtaa taagtaaatg ccttaagagt atttaaaana 480
tgcttccaca ttt 493

<210> 1182
<211> 329
<212> DNA
<213> Homo sapien

<400> 1182
cgcgtctctg acactgtgat catgataggg gttcaaacag aaagtgcctg ggccctcctt 60
ctaagtcttg ttaccaaaaa aaggaaaaag aaaagatctt ctcagttaca aattctggga 120
agggagacta tacctggctc ttgccctaag tgagaggtct tccctcccgc accaaaaaat 180
agaaaggctt tctatttcac tggcccaggt agggggaagg agagtaactt tgagtctgtg 240
ggcctcattt cccaggtgcc ttcaatgctc atcaaaacca ggcatgggga aggccctggc 300
aaactgctcc acccgttgcc tgaggttgg 329

<210> 1183
<211> 198
<212> DNA
<213> Homo sapien

<400> 1183
cctgacagac agaagggctt ggagattttt tttctttaca attcagtctt cagcaacttg 60
agagctttct tcatgttgtc aagcaacaga gctgtatctg caggttcgta agcatagaga 120
cgatttgaat atcttccagt gatatcggct ctaactgtca gagatgggtc aacaaacata 180
atcctgggga catactgg 198

<210> 1184
<211> 224
<212> DNA
<213> Homo sapien

<400> 1184
ctggaggtgc ctcagaaggt gcattctgct tcctgcaggg gcttgaaaca ccaaggcact 60
ccagggatcc tggagtcaaa gcagcagccc cggttgttgc actccttggg ggtgacatgg 120
gggtagccgc agtccaccct gtccttggct ggcacggcac actggtttgc agacaggccc 180
acgtactcct cagcagagct ggaggacagc aaggccagga ccag 224

<210> 1185
<211> 367
<212> DNA
<213> Homo sapien

<400> 1185
ccttttacag atgtcagctt tcactggcct ccatgcacaa cctcccacta ccacccaatc 60
tgcctgccac agcaaagtgc aggcaccctg ggccccctgg aggatgcggg caggggctac 120
agggcatcca ggatgtggtc gatcttggtg accagctcct ggcgctttcc tgagatgagc 180
ttctcattct caatgtacgt gtctttcttg agcttgccag ccaccaggcg ctcagcctcc 240
accgccgact tcagcaccag ctccttgacc tgtgcatcca gcttctgcat ttcgctcact 300
ctgtcgcaca gatcagagcc ctctgtcttc agcctggact gcagcagtgc aatctcactg 360
gtcaagg 367

<210> 1186
<211> 188
<212> DNA
<213> Homo sapien

<400> 1186
ccattaagcg gatgctggag atgggagcta tcaagaacct cacgtccttc cgacctgggc 60
aagagctgta gcctgtcggt tgcctactct gctgtctggg tgacccccat gcgtggctgt 120
gggggtggct ggtgccagta tgacccactt ggactcaccc cctcttgggg agggagtcct 180
gggcctgg 188

<210> 1187
<211> 379
<212> DNA
<213> Homo sapien

<400> 1187
gttgatgcta ctctgaagtc tctcaacaac cagattgaga cccttcttac tcctgaaggc 60

tctagaaaga gcccagctcg cacatgccgt gacttgagac tcagccaccc agagtggagc 120
agtggttact actggattga ccctaaccaa ggatgcacta tggatgctat caaagtatac 180
tgtgatttct ctactggcga aacctgtatc cgggcccaac ctgaaaacat cccagccaag 240
aactggtata ggagctccaa ggacaagaaa cacgtctggc taggagaaac tatcaatgct 300
ggcagccagt ttgaatataa tgtagaagga gtgacttcca aggaaatggc tacccaactt 360
gccttcatgc gcctgctgg 379

<210> 1188
<211> 384
<212> DNA
<213> Homo sapien

<400> 1188
cgcgtcggac tgcagccagt ccgtttcctt tctttagcca gccatcctgg tactgtagtt 60
taggggttga tggtggttga aattgatttc tggctggtta ctaaggtgcc tgctagccat 120
tgtataaaat taaaacatga agaatatttt tttttgagc atggctagtg gatttaaaac 180
aacacatacc tgtcactgct ggagtcaaac ttataaaaag ccttaagtgg aaagtgttcc 240
agacggagac tctgagttaa tagaggagta gaagctggtg ttaaagttcc cacgacgcac 300
atggctttgc cagaaactct gtttaatgat cggcctttca cctcttcact tatccttagt 360
cccagtagcc aggatacctg atgg 384

<210> 1189
<211> 419
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G

<400> 1189
ggaaaaacca gccactgctt tacaggacag ggggttgaag ctgagccccg cctcacaccc 60
acccccatgc actcaaagat tggattttac agctacttgc aattcaaaat tcagaagaat 120
aaaaaatggg aacatacaga actctaaaag atagacatca gaaattgttg agttaagctt 180
tttcaaaaaa tcagcaattc cccagcgtag tcaagggtgg acactgcacg ctctggcatg 240
atgggatggc gaccgggcaa gctttcttcc tcgagatgct ctgctgcttg agagctattg 300
ctttgttaag atataaaaag ggtttctttt ttgtctttct gtaaggtnna cttccagctt 360
ttgattgaaa gtcctagggt gattctattt ctgctgtgat ttatctgctg aaagctcag 419

<210> 1190
<211> 173
<212> DNA
<213> Homo sapien

<400> 1190
ccaggtactg gcacatcatg ctctggatgg gggtggtggt gtcctgtagg cagagaaaca 60
ggaaattgtc gtagtcagta tcgagcagcg tggcctcgtt cgccaccgta tagttgatct 120
tgaacttctt tggattctca gtcttctctc caaggacctt cttctcaaca cag 173

<210> 1191
<211> 341
<212> DNA
<213> Homo sapien

<400> 1191
cctcctgcca gcagttcttg aagcttcttt ttcattcctg ctactctacc tgtatttctc 60
agttgcagca ctgagtggtc aaaatacatt tctgggccac ctcagggaac ccatgcatct 120
gcctggcatt taggcagcag agcccctgac cgtcccccac agggctctgc ctcacgtcct 180
catctcattt ggctgtgtaa agaaatggga aaagggaaaa ggagagagca attgaggcag 240
ttgaccatat tcagttttat ttatttattt ttaatttgtt cttttctcca agtccaccag 300
tctctgaaat tagaacagta ggcggtatga gataatcagg a 341

<210> 1192
<211> 324
<212> DNA
<213> Homo sapien

<400> 1192
ttggaggttg gcggcgcggg gctgaaggct agcaaaccga gcgatcatgt cgcacaaaca 60
aatttactat tcggacaaat acgacgacga ggagtttgag tatcgacatg tcatgctgcc 120
caaggacata gccaagctgg tccctaaaac ccatctgatg tctgaatctg aatggaggaa 180
tcttggcgtt cagcagagtc agggatgggt ccattatatg atccatgaac cagaacctca 240
catcttgctg ttccggcgcc cactacccaa gaaaccaaag aaatgaagct ggcaagctac 300
ttttcagcct caagctttac acag 324

<210> 1193
<211> 521
<212> DNA
<213> Homo sapien

<400> 1193
ctgctttgtt ttctgttggc agtggaggga caaggtgaga ggagccaggg gtagtcatga 60
acaccagtgg gttctgccct gggcagctcc ccaccttctt taagagagta ctgtgtctca 120
gctccagcag tctcaactgg gaagacccag gactcctgct cttttctcta atccctggga 180
gacgaggtcc agctaaggta gagtaagcag tcagtgacca ggcaggctgg tttgggaggt 240
cactgcctgg aggacgggat cttgtattct tcggaagatg gctgggaaat tcttccctcc 300
attacgtaga actttcttcc cctcctcagt tgaggtgcct agatgtccca caacggggtc 360
ttcactcagg tcctccagag gcacacgctc aaacagtggg tgctcttcga aatgagtgca 420
catccagtcg tgtagctcca gcacatcggt tatggtatac accagcccct gcataggcaa 480
aatcacccta gacaggaggc tgcatgcaac gtcagcagcc a 521

<210> 1194
<211> 208
<212> DNA
<213> Homo sapien

<400> 1194
ccagtgacta gaaggcgagg cgccgcggga ccatggcggc ggcggcggac gagcggagtc 60
cagaggacgg agaagacgag ggagaggagg agcagttggt tctggtggaa ttatcaggaa 120
ttattgattc agacttcctc tcaaaatgtg aaaataaatg caaggttttg ggcattgaca 180
ctgagaggcc cattctgcaa gtggacag 208

<210> 1195
<211> 499
<212> DNA
<213> Homo sapien

<400> 1195
ccagaaagga aagacaataa ttttgttttt tcattttgaa aaaattaaat gctctctcct 60
aaagattctt cacctacttt ggtctccata acttctatgt tttctttcct tctgacacac 120
tagtgcccct aaattgtgat ttgcctatac gtttagggcc ggggttggaa gatgttaaca 180
accatttaag attcatttct gcagtgggag tgggtggagt ttcaccctct gggaaagggg 240
caggtgacag gtatttatca gtcagtgcct ctctagctct tgtaggaaga agcacacgca 300
ggatggagtc tagaggatga gcgatattga ctagcaattc atgggctccc tccagcagtg 360
cgagggtcag agtttctgga gccttgggag gaggcatccc tgtgaggggg ggttagggag 420
atgggagggc accaggaaaa gtgattagaa gtcaggtatg ggaaggctaa attaggacag 480
agtcgagtac atctctgct 499

<210> 1196
<211> 455
<212> DNA
<213> Homo sapien

<400> 1196
ctgacccccc tttgtccaca gctaagatgg cagcagaatg ctatgtcact atatacagaa 60
acaagacaac ctgaagctaa atggatgccc cctgcagagt caacaggtcc agcctcacag 120
tgcacgccct gagctacagc ctctcccaaa aggcatcttc cccacagcct caacgccgag 180
caaggagcat caagggtttg tctcggttgt tttgttcttt ttacaaacta tagatatata 240
cagttgaaaa ctcaggattt ctagccaata accatagtta ccaccacctt acaaataaaa 300
agaaaatgcc agaaacatct ttaaatgcct tgtcacacca acagcaaagt gcacagagtg 360
aggagaacac gagagtgcct tttcatttta aaaatgtttg gaaatatgta caacttcgat 420
acagtttcag ggtgctccag acacccatgg acctg 455

<210> 1197
<211> 444
<212> DNA
<213> Homo sapien

<400> 1197
cctggatgtg gctcttcgca ctgaaggcca agtagtagat cacaaggccg atcgccgcag 60
ccagcacctc agtggacacc cagggcccgt tccaagtgcc ccgatggtcc acgctgactg 120
taaacagagg cgggatgatg gaaatgtcct cgttattcct ctgagccttc ctgaggaggc 180
tgtaggactc ctcgtcgaag aatctaacct cataggtgcc tgcgtgggcg ctcttgtggt 240
tcaggcttca ggacacctga taacgcccca catcctggcc tcgagtgaca gggaattgtt 300
ttccaccgac gtcagcatag agagccatgt tctggaccct gttcttgcat gtcagggaga 360
tctccacaat gaagacggtc tcagtggaaa tgacagcgtc agaagtggtg tagtaggaag 420
gggtgatctg gggctccagg cagg 444

<210> 1198
<211> 450
<212> DNA
<213> Homo sapien

<400> 1198
ccatgggtgt ctggagcacc ctgaaactgt atcaaagttg tacatatttc caaacatttt 60
taaaatgaaa aggcactctc gtgttctcct cactctgtgc actttgctgt tggtgtgaca 120
aggcatttaa agatgtttct ggcatttttct ttttatttgt aaggtggtgg taactatggt 180
tattggctag aaatcctgag ttttcaactg tatatatcta tagtttgtaa aaagaacaaa 240
acaaccgaga caaacccttg atgctccttg ctcggcgttg aggctgtggg gaagatgcct 300
tttgggagag gctgtagctc agggcgtgca ctgtgaggct ggacctgttg actccgcagg 360
gggcatccat ttagcttcag gttgtcttgt ttctgtatat agtgacatag cattctgctg 420

ccatcttagc tgtggacaaa ggggggtcag 450

<210> 1199
<211> 294
<212> DNA
<213> Homo sapien

<400> 1199
agtcacagtt gcacctattc aaaactagct ttaaagtgag ctatttttaa acttcataaa 60
aatattcatg attttattag tttgaatatt tctacaagat tcgggtgggc ttttccttta 120
ggtgaaaaca gctatccact cctgtggcct tataactcag gaaatgctgg ggatgcaaac 180
gtgcaaaagg caggggggaag ctgcccaggc tgagactgga gcagctagga gtgtgcttgg 240
ggaacgggag ctgagatccc ggagcagaaa tggtcagccg tgctctggag cagg 294

<210> 1200
<211> 258
<212> DNA
<213> Homo sapien

<400> 1200
agctacctaa gaacagctaa aagagcacac ccgtctatgt agcaaaatag tgggaagatt 60
tataggtaga ggcgacaaac ctaccgagcc tggtgatagc tggttgtcca agatagaatc 120
ttagttcaac tttaaatttg cccacagaac cctctaaatc cccttgtaaa tttaactgtt 180
agtccaaaga ggaacagctc tttggacact aggaaaaaac cttgtagaga gagtaaaaaa 240
tttaacaccc atagtagg 258

<210> 1201
<211> 403
<212> DNA
<213> Homo sapien

<400> 1201
ctgagctgct gtctgctttg gaaaaccgtt cctgccgctg ccgatggatg gaaatgcaat 60
ggatttcagc ttcttatcat cagccagggc caagcagttt ttcactgtct tttccagaag 120
ttcttcacac ttgtctgcac cccaaactgg actattacag tggatcacaa acttggcagg 180
caggccatgg cctgcgctga cagcagctcc agctacttcc aagggcccgt tctttttccg 240
gagttccagg acagcttcca caaactcctt gccacctttc ttctccagcg tgtttcctag 300
gtcatcttta aggtcaatgt cagcattggt aggattgatt atggcctcca cctcaaagcc 360
ggctaaatta ctgatttcac tgtgaataag gttcggcttc tgg 403

<210> 1202
<211> 325
<212> DNA
<213> Homo sapien

<400> 1202
ctgaacctgc gggagtcggc caccatcacg tgcctggtga cgggcttctc tcccgcggac 60
gtcttcgtgc agtggatgca gaggggggcag cccttgtccc cggagaagta tgtgaccagc 120
gccccaatgc ctgagcccca ggccccaggc cggtacttcg cccacagcat cctgaccgtg 180
tccgaagagg aatggaacac gggggagacc tacacctgcg tggtggccct tgaggccctg 240
cccaacaggg tcaccgagag gaccgtggac aagtccaccg gtaaacccac cctgtacaac 300
gtgtccctgg tcatgtccga cacag 325

<210> 1203

<211> 518
<212> DNA
<213> Homo sapien

<400> 1203
ctcaaccaca gtctgacacc agagcccact tccatcctct ctggtgtgag gcacagcgag 60
ggcagcatct ggaggagctc tgcagcctcc acacctacca cgacctccca gggctgggct 120
caggaaaaac cagccactgc tttacaggac agggggttga agctgagccc cgcctcacac 180
ccacccccat gcactcaaag attggatttt acagctactt gcaattcaaa attcagaaga 240
ataaaaaatg ggaacataca gaactctaaa agatagacat cagaaattgt taagttaagc 300
tttttcaaaa aaccagcaat tccccagcgt agtcaagggt ggacactgca cgctctggca 360
tgatgggatg gcgaccgggc aagctttctt cctcgagatg ctctgctgct tgagagctat 420
tgctttgtta agatataaaa aggggtttct ttttgtcttt ctgtaaggtg gacttccagc 480
ttttgattga aagtcctagg gtgattctat ttctgctg 518

<210> 1204
<211> 352
<212> DNA
<213> Homo sapien

<400> 1204
ggggaaagga ggtctcactg agcaccgtcc cagcatccgg acaccacagc ggcccttcgc 60
tccacgcaga aaaccacact tctcaaacct tcactcaaca cttccttccc caaagccaga 120
agatgcacaa ggaggaacat gaggtggctg tgctgggggc acccccccagc accatccttc 180
caaggtccac cgtgatcaac atccacagcg agacctccgt gcccgaccat gtcgtctggt 240
ccctgttcaa caccctcttc ttgaactggt gctgtctggg cttcatagca ttcgcctact 300
ccgtgaagtc tagggacagg aagatggttg gcgacgtgac cggggcccag ga 352

<210> 1205
<211> 250
<212> DNA
<213> Homo sapien

<400> 1205
ctgttcaact tccaactcta aataggcacc attaaacaaa aaaccccagt attttaaatt 60
tctccagcac acattccagg atcaatgctc tgaactgtaa tcagctagta attcataacg 120
ggaatacagc cttagaatgg aagctatatt gcttccctgc ccccttctc ttacaattgg 180
agagtgtagg tattaaggga tacaaagtca gaggaagaat aattaaaaag aaaaatgccc 240
aaagctgcag 250

<210> 1206
<211> 275
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 1206
ctgctctcgn ngnctcactg gatggaccag cacttccgca cgacgcccct ggagaagaac 60
gcccccgtct tgctggccct gctgggtatc tggtacatca actgctttgg gtgtgagaca 120
cacgccatgc tgccctatga ccagtacctg caccgctttg ctgcgtactt ccagcagggc 180

gacatggagt ccaatgggaa atacatcacc aaatctggaa cccgtgtgga ccaccnnaca 240
ggccccattg tgtgggggga gccagggacc aatgg 275

<210> 1207
<211> 182
<212> DNA
<213> Homo sapien

<400> 1207
ccatctcctg ctcgaagtcc agggcgacgt agcacagctt ctccttgatg tcgcgcacga 60
tttcccgctc ggccgtggtg gtgaagctgt agcctcgctc agtgaggatc ttcatgaggt 120
agtcggtcag gtcccggcca gccaggtcca gacgcaggat ggcgtggggg agggcgtagc 180
cc 182

<210> 1208
<211> 260
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 1208
gctggttatg aactcctgac ctcaagtgat ctgccctcct cagcctccca aagtgctggg 60
attataggca tgagccactg gaatttttct ttttttttt ctttcttttt ttttttttt 120
ttaaattgan acaaggtctg gctctatcgc ccangctgga gtgcagnggc accatntcgg 180
ctcactgcaa cctctgcctg ctgggctcga gccatcctcc cacctcagcc tcccaagtan 240
ttgggactag aggtatgcac 260

<210> 1209
<211> 487
<212> DNA
<213> Homo sapien

<400> 1209
aaacccactc caccttacta ccagacaacc ttagccaaac catttaccca aataaagtat 60
aggcgataga aattgaaacc tggcgcaata gatatagtac cgcaagggaa agatgaaaaa 120
ctataaccaa gcataatata gcaaggacta atccctatac cttctgcata atgaattaac 180
tagaaataac tttgcaagga gagccaaagc taagaccccc gaaaccagac gagctaccta 240
agaacagcta aaagagcaca cccgtctatg tagcaaaata gtgggaagat ttataggtag 300
aggcgacaaa cctaccgagc ctggtgatag ctggttgtcc aagatagaat cttagttcaa 360
ctttaaattt gcccacagaa ccctctaaat ccccttgtaa atttaactgt tagtccaaag 420
aggaacagct ctttggacac taggaaaaaa ccttgtagag agagtaaaaa atttaacacc 480
catagta 487

<210> 1210
<211> 216
<212> DNA
<213> Homo sapien

<400> 1210
ccactcagct cagcgggcga cgtgccccta caagttggca gaagtggctg ccactgctgg 60

gtttgtgtaa gagaggctgc tgccaccatt acctgcagaa accttctcat aggggctacg 120
atcggtactg ctaggggca catagcgccc atggatgtgg taggtggggt actcgctcat 180
aggatggtag gtatcccggg ctggaaagat gtccag 216

<210> 1211
<211> 443
<212> DNA
<213> Homo sapien

<400> 1211
ccaaggtcag aggctgatgc aacaggccct cttctcccca gggccaggct cctgtccagc 60
ctgggcactg cccagagtga tggcattggt ccggatgctg ttctgtctct gcttggacac 120
cttcgcaaag atttctttca ggacagtctc aaaggctagc tcaacattgg tagagtccag 180
ggctgaggtc tccaggaaga gcagtccatt gttttcagcg aacattcggg cctcctcagt 240
gggcacttcc cggcctggc tgaggtcact tttgttaccc acgagcatga cgacgatcgt 300
ggcttcagca tggtcataga gctccttcag ccatcgctcc accacagcat aggtctggtg 360
cttggttagg tcaaacacca ggagggcccc cactgcacca cgatagtacg ccgaggtgat 420
ggctcggtac cgctccaggc cag 443

<210> 1212
<211> 526
<212> DNA
<213> Homo sapien

<400> 1212
actgaaaccc gagtaaatgc tcaggctgct gcatatgaat acatggctgc atacatagaa 60
aatgcgaaac aggttggccg ccttgaaaat gcaatcgggt ggtatcatag ccaccctggc 120
tatggctgct ggctttctgg gattgatgtt agtactcaga tgctcaatca gcagttccag 180
gaaccatttg tagcagtggt gattgatcca acaagaacaa tatccgcagg gaaagtgaat 240
cttggcgcct ttaggacata cccaaagggc tacaaacctc ctgatgaagg accttctgag 300
taccagacta ttccacttaa taaaatagaa gattttggtg tacactgcaa acaatattat 360
gccttagaag tctcatattt caaatcctct ttggatcgca aattgcttga gctgttgtgg 420
aataaatact gggtgaatac gttgagttct tctagcttgc ttactaatgc agactatacc 480
actggtcagg tctttgattt gtctgaaaag ttagagcagt cagaag 526

<210> 1213
<211> 359
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(359)
<223> n = A,T,C or G

<400> 1213
ccagccattg cctgncattt ggtagtatag tatgattctc accattattt gtcatggagg 60
cagacataca ccagaaatgg gggagaaaca gtacatatct ttctgtcttt agtttattgt 120
gtgctggtct aagcaagctg agatcatttg caatggaaaa cacgtaactt gtttaaaagt 180
ttttctggta gctttagctt tatgctaaaa aaaataatga cattgggtat ctatttcttt 240
ctaagactac attantanga aaataagtct tttcatgctt atgatttagc tgttttgtgg 300
taattgcttt ttaaaggaag nnattaatat cataagttat tattaatatt gtgaacnca 359

<210> 1214

<211> 428
<212> DNA
<213> Homo sapien

<400> 1214
ccaagcttga ggcagcccta ggtgaggcca agaagcaact tcaggatgag atgctgcggc 60
gggtggatgc tgagaacagg ctgcagacca tgaaggagga actggacttc cagaagaaca 120
tctacagtga ggagctgcgt gagaccaagc gccgtcatga gacccgactg gtggagattg 180
acaatgggaa gcagcgtgag tttgagagcc ggctggcgga tgcgctgcag gaactgcggg 240
cccagcatga ggaccaggtg gagcagtata agaaggagct ggagaagact tattctgcca 300
agctggacaa tgccaggcag tctgctgaga ggaacagcaa cctggtgggg gctgcccacg 360
aggagctgca gcagtcgcgc atccgcatcg acagcctctc tgcccagctc agccagctcc 420
agaagcag 428

<210> 1215
<211> 414
<212> DNA
<213> Homo sapien

<400> 1215
ctgaagcact cttcagagac tacgtccaca gacactgatg ctgaggcctt tcttgtaagt 60
gaagaaaaag gaatgcagca aagaagagtt cgacattgga gtccttagtt ccatcaggat 120
cccattcgca gcctttagca tcatgtagaa gcaaactgca cctatggctg agataggtgc 180
aatgacctac aagattttgt gttttctagc tgtccaggaa aagccatctt cagtcttgct 240
gacagtcaaa gagcaagtga aaccatttcc agcctaaact acataaaagc agccgaacca 300
atgattaaag acctctaagg ctccataatc atcattaaat atgcccaaac tcattgtgac 360
tttttatttt atatacagga ttaaaatcaa cattaaatca tcttatttac atgg 414

<210> 1216
<211> 162
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 1216
cctggccgca gggtcccccg gtattgctgt tgctacgagg ttgggggca gcgattgtcc 60
tgtgggagcc accgttctcc tgggtcgggg accctcactt cttctggggt gtgctcannt 120
tctgcatgcc ccggatcttg tccagcangc cagaaatgaa gg 162

<210> 1217
<211> 392
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 1217

ctgaagtaga ggctggaact gaagctgaga ctgaggctga ggctgaaact ggagctaagg 60
gtgaggctgg aactggagct gaggttgagg ccagaactgg agctaaagtt gaggctggaa 120
ccggagctga ggttgaggct ggaactggag ttaaggttgc tggaagtgga gctgaggttg 180
aggctggaac tgaagctgag gttgaaggtg gaagtggagc cgaagctaga ggtggaactg 240
aggctgaaga ctgtgcttgc tggatccctg tagcctgttt tttggcaaat cttggaggaa 300
gcttanaagt ctggcttctt ccttttttcat ttgcattctt tttgttccag accttaaaaa 360
attaacgggg accatttttg tcaataatgc ag 392

<210> 1218
<211> 526
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

<400> 1218
ctgagctttc agcagataaa tcacagcaga aatagaatca ccctaggact ttcaatcaaa 60
agctggaagt ccaccttaca gaaagacaaa aagaaacccc tttttatatc ttaacaaagc 120
aatagctctc aagcagcaga gcatctcgag gaagaaagct tgcccggtcg ccatcccatc 180
atgccagagc gtgcagtgtc cacccttgac tacgctgggg aattgctgat tttttgaaaa 240
agcttaactt aacaatttct gatgtctatc ctttagagtt ctgtatgttc ccatttttta 300
ttcttctgaa ttttgaattg caagtagctg taaaatccaa tctttgagtg catgggggtg 360
ggtgtgaggc ggggctcanc ttcaaccccc tgtcctgtaa agcagtggct ggtttttcct 420
gagcccagcc ctgggaggtc gtggtangtg tggaggctgc agagctcctn cagatgctgc 480
cctcgctgtg cctcacacca nagaggatgg aagtgggctc tggtgt 526

<210> 1219
<211> 382
<212> DNA
<213> Homo sapien

<400> 1219
ctggccggcg gtgcagatct ggagtccagc ctcagggatg cgctactttc cattctctgc 60
attgaacatt cgttctgtca gcatccgctc cagcttcact gcatcagcgg caaacttgcg 120
gatcccgtca gagagcttct ccacagccat ctggtcctcg ttgtgcaacc aacggaaaga 180
cttctcatcc aggtggattt tttccaggtc actggcttgg gccgccttgg ctgagagcac 240
aggcaccagc ttggcgttgt cctgcagcag ctctcccagg agcttgggtg agatggtgag 300
gaagtcacag ccggccagtg ctttgatctc gcccgtgttg cggaaggagg cgcccatgac 360
aatggttttg tagctaaact tc 382

<210> 1220
<211> 127
<212> DNA
<213> Homo sapien

<400> 1220
tcgacctcct tgaagcagac caagtatagc aagcctctaa aaggactact gagaaacaga 60
atcagaaact ctagaactct agttagggcc cttcagcagg gctgcagagc ctccctggat 120
acccagg 127

<210> 1221

<211> 304
<212> DNA
<213> Homo sapien

<400> 1221
ccaccccgga gatgacacga ggctcacatg actctagaca cttggtggaa agtgaggcga 60
gaaaaacaat gacttgggcc aattacacga ctgcaaagct agagctgcca acagggctcc 120
agggagcttg gcttctgtag aagttctaag gaagcggtac gaactccacg gcggtggggc 180
gctaactagc agggacccct gcaagtgttg gtcgggggcc tcgggctgcc tgagctgaca 240
cgaggggagg ggtctgtgta gccaacaggt gaccgaaggg cttgcctgcc cacagcttac 300
ttgg 304

<210> 1222
<211> 309
<212> DNA
<213> Homo sapien

<400> 1222
ctgtcgcact cgtagctgca actcactcaa cttgtcttta gcagcaattt ctgcatagtc 60
attggcatgt tcacctacct ggatgtccgg gtgaactctc agcatgcctc cagcaaagag 120
ggagaacttg gtggaattgg agtgaagaca gatctggtgc tcaccagggg tatgggaagt 180
gaaagtgaac ctgccctcgg agccatactg ccgggccagg atgaccttgt cctctgggtc 240
ctccacctcc acaaacatgc caagccccgg ggtggccggc tggtactcct cccgctgctt 300
gtcatacag 309

<210> 1223
<211> 390
<212> DNA
<213> Homo sapien

<400> 1223
cctggcctgg gagccctgtg cctactagaa gcacattaga ttatccattc actgacagaa 60
caggtctttt ttgggtcctt cttctccacc acgatatact tgcagtcctc cttcttgaag 120
attctttggc agttgtcttt gtcataaccc acaggtgtag aaacaagggt gcaacatgaa 180
atctctgttt cgtagcaagt gcatgtctca cagttgtcag tctgccactc cgagtttatt 240
ggtgtttgtt tcctttgaga tccatgcatt tcctggttga atctcctgga actccctcat 300
taggtatgaa atagcatgat gcattgcata aagtcacgaa ggtggcaaag atcacaacgc 360
tgcccaggag aacattcatt gtgataagca 390

<210> 1224
<211> 407
<212> DNA
<213> Homo sapien

<400> 1224
ccttatgact acaacggccc acgagaaaaa tatggaatcg ttgattacat gatcgagcag 60
tccgggcctc cctccaagga gattctgacc ctgaagcagg tccaggagtt cctgaaggat 120
ggagacgatg tcatcatcat cggggtcttt aagggggaga gtgacccagc ctaccagcaa 180
taccaggatg ccgctaacaa cctgagagaa gattacaaat ttcaccacac tttcagcaca 240
gaaatagcaa agttcttgaa agtctcccag ggcagttgg ttgtaatgca gcctgagaaa 300
ttccagtcca agtatgagcc ccggagccac atgatggacg tccagggctc cacccaggac 360
tcggccatca aggacttcgt gctgaagtac gccctgcccc tggttgg 407

<210> 1225

<211> 250
<212> DNA
<213> Homo sapien

<400> 1225
ctgcagcttt gggcattttt ctttttaatt attcttcctc tgactttgta tcccttaata 60
cctacactct ccaattgtaa gagaaagggg gcagggaagc aatatagctt ccattctaag 120
gctgtattcc cgttatgaat tactagctga ttacagttca gagcattgat cctggaatgt 180
gtgctggaga aatttaaaat actggggttt tttgtttaat ggtgcctgtt tagagttgga 240
agttgaacag 250

<210> 1226
<211> 444
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 1226
cctttaggct gttgctctgg gcaggggggtg ggggtgcggg ggcttacagt gggggcccctt 60
agttggcaca ggttcggaag ggccccaggc agacatgaat tctcctgaga cttgaggtag 120
gttgcttcag ccagcccggg cggagaagaa gggcagagag cgaacatagg agtccagtcg 180
ggagcgaaag agctcacttt gcacagtttg gcccagcggg cacaggggat tcttcaccac 240
cagctccaca tacagcgcac tgtagatgtg gtgcagcaca tctcggatgg gtcccacgcc 300
caagtcagta ttcatgacaa ctttgatccc agtgggcgtc tcgtagtaat ggagtttgta 360
acggctagtt tggaaggcca ggaagccatc cttcatgtct agcggggaca tcttgctgac 420
aaacgancgg atagagaaga gcat 444

<210> 1227
<211> 491
<212> DNA
<213> Homo sapien

<400> 1227
gttagcctta catgttgtgt agacttactt taagtttgca cccttgaaat gtgtcatatc 60
aatttctgga ttcataatag caagattagc aaaggataaa tgccgaaggt cacttcattc 120
tggacacagt tggatcaata ctgattaagt agaaaatcca agctttgctt gagaactttt 180
gtaacgtgga gagtaaaaag tatcggtttt attctttgct gatgtccttt ctgcttgaaa 240
taacagtcac catacagcta aaggagagga gtttctttcc ttctaagtag gcagaaatgg 300
tatcattatg ttgccgctct ccaatctccc agagctcgct ctctagagaa tcaccttctt 360
tcgctttttt ttttttttg aggtagagtc tcactatgtt gcccagacta gccttgaact 420
cctgggctca agtgattctc cctcctcagc ctcccgagta gctggaacga actatagttg 480
caccactgca g 491

<210> 1228
<211> 279
<212> DNA
<213> Homo sapien

<400> 1228
ctgggcggat ctgatcaact aggcaacatc atgtccggat atgagttcat caacaagttg 60

actggagaag atgtatttgg aatcaccgtt cctctaatta caagtacaac tggagcaaag 120
ctgggaaagt ctgctggcaa tgctgtttgg ctaaacagag ataagacatc tccatttgaa 180
ttgtatcaat tctttgtcag gcaaccggac gattcagtgg aaaggtacct gaagctgttc 240
actttcctac cccttccaga gattgatcat atcatgcag 279

<210> 1229
<211> 199
<212> DNA
<213> Homo sapien

<400> 1229
cggccgaggt ccagtccaac ctgctcctca ttattgtata aatgagcaga atcaatatgg 60
cggaagccag cttcaattgc caatttggtg gcctctaaag ctttactttt aggaacctct 120
gcaggcgcat aggtgccaaa tcccaggaca ggcatgaagt gaccatcatt cagcttcaca 180
cactgatatt tcgaatcca 199

<210> 1230
<211> 237
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 1230
ctgcattgnt gnggaattca caactactca ggctgggaaa atacagattg gttcaaagaa 60
accaaaaacc agagtgtccc tcttagctgc tgcagagaga ctgccagcaa ttgtaatggc 120
agcctggccc acccttccga cctctatgct gaggggtgtg aggctctagt agtgaagaag 180
ctacaagaaa tcatgatgca tgtgatctgg gccgcactgg catttgcagc tattcag 237

<210> 1231
<211> 277
<212> DNA
<213> Homo sapien

<400> 1231
ctggaggtgc ctcagaaggt gcattctgct tcctgcaggg gcttgaaaca ccaaggcact 60
ccagggatcc tggagtcaaa gcagcagccc cggttgttgc actccttggg ggtgacatgg 120
gggtagccgc agtccaccct gtccttggct ggcacggcac actggtttgc agacaggccc 180
acgtactcct cagcagagct ggaggacagc aaggccagga ccagccccag catgcagagc 240
gctctggcag ccatgaccac cgtgggctcc gggacgc 277

<210> 1232
<211> 348
<212> DNA
<213> Homo sapien

<400> 1232
ctgcaacttt tttttttgc aattacagag tggtattcag ttaacagaac aacaattatt 60
tcgtataagc tgcatcagag acaactgaag atgaaaaaac taccatcccc atatataact 120
aatttgtgct gtgcaccaac aagaacctgc tttaaatttc catgccaatt tacaaccccc 180
atactgtacc aggcaaggtt agtggctatt gaaaatacca ccaggacagg gctatctaaa 240

gacacattcg gtagtgtgtt aactatacaa aaaaagacac tgtacagttt aaaaacaaat 300
cttacacagc cttacatttc aatttttttc tttaaaagga gtgagttg 348

<210> 1233
<211> 312
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 1233
ctgagcgtac ggccgcgttc atcccagccg cgggtgcccc cacgttgatg acagctacgt 60
tgcaattggt ctttgggatc tgatcatccg gcagcttgat ggcaagtcgc ttgtaggtgt 120
tcaggttgcc cgcaaagctc ctccctcgga gtcgaaccgn atnttgaaat ctcctctcgt 180
ccatcgcctt ctgcacatcc tgagtcatct gcacgcactc catcagcggc aggcgcacgg 240
ngtggttccc gttcagtgac acgacgcaag ctggggtgtc cggggtggcc tctagcaagg 300
cnatgactgc ct 312

<210> 1234
<211> 151
<212> DNA
<213> Homo sapien

<400> 1234
ccggccgcgg gcataaaagg cgccaggtga gggcctcgcc gctcctcccg cgaatcgcag 60
cttctgagac cagggttgct ccgtccgtgc tccgcctcgc catgacttcc tacagctatc 120
gccagtcgtc ggccacgtcg tccttcggag g 151

<210> 1235
<211> 250
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(250)
<223> n = A,T,C or G

<400> 1235
ctgcaccttn gggcntnttt ctttttaatt attcttcctc tgactttgta tcccttaata 60
cctacactct ccaattgtaa gagaaagggg gcagggaagc aatatanctt ccattctaag 120
gctgtattcc cgttatgaat tactagctga ttacagttca nagcattgat cctggaatgt 180
gtgctggana aatttaaaat actggggttt tttgtttaat ggtgcctgtt tagagttgga 240
agttgaacag 250

<210> 1236
<211> 154
<212> DNA
<213> Homo sapien

<400> 1236

ctgatcctca ctattgtggg caccatcgct ggcatcgtca ttctcagcat gataattgca 60
ttgattgtca cagcaagatc aaataacaaa acgaagcata ttgaagaaga gaacttgatt 120
gacgaagact ttcaaaatct aaaactgcgg tcga 154

<210> 1237
<211> 375
<212> DNA
<213> Homo sapien

<400> 1237
ccactggatc tttgggatta aagctctgtt ggatttgtac ctcagaggaa gatcaagtgg 60
ctgatccttt ggactctgta aagagcattc ttctagtcag agggtggaat ggcagcagca 120
actggaagaa aatgagtttt ttggtgccca cacccaagag cacacacatg ctgcactgtc 180
tcggaaagca gggccagcta gagccaccat gttcttcctt acctcagttt acctgcggcc 240
tgcgctgcac tgcagatgcc caccctgccc tgggtctggc cggcggaagc tctgtccaag 300
gtccacacac ctccaggttt acgccaacat ccttgtgccc tccccacctt ctcttccaac 360
gcattaggtg cattg 375

<210> 1238
<211> 454
<212> DNA
<213> Homo sapien

<400> 1238
gtcaagatca agttcaatat catcgcctct ctctatgact acaaccccaa cctggcaacc 60
tacatgaagc cagagatgtg ggggaagtgc ctggactgca tcaatgagct gatggatatc 120
ctgtttgcaa atcccaacat ttttgttgga gagaatattc cggaagagag tgagaacctg 180
cacaacgctg accagccact gcgtgtccgt ggctgcatcc taactctggt ggaacgaatg 240
gatgaagaat ttaccaaaat aatgcaaaat actgaccctc actccaagag tacgtggagc 300
acttgaagga tgaggcccag gtgtgtgcca tcatcgagcg tgtgcagcgc tacctggagg 360
agaagggcac taccgaggag gtctgccgca tctacctgct gcgcatcctg cacacctact 420
acaagtttga ttacaaggcc catcagcgac agac 454

<210> 1239
<211> 483
<212> DNA
<213> Homo sapien

<400> 1239
ctgccaggct gaaaagaagc ctcagctccc acaccgccct cctcaccgcc cttcctcggg 60
agtcacttcc actggtggac cacgggcccc cagccctgtg tcggccttgt ctgtctcagc 120
tcaaccacag tctgacacca gagcccactt ccatcctctc tggtgtgagg cacagcgagg 180
gcagcatctg gaggagctct gcagcctcca cacctaccac gacctcccag ggctgggctc 240
aggaaaaacc agccactgct ttacaggaca gggggttgaa gctgagcccc gcctcacacc 300
cacccccatg cactcaaaga ttggatttta cagctacttg caattcaaaa ttcagaagaa 360
taaaaaatgg gaacatacag aactctaaaa gatagacatc agaaattgtt aagttaagct 420
ttttcaaaaa atcagcaatt ccccagcgta gtcaagggtg gacactgcac gctctggcat 480
gat 483

<210> 1240
<211> 358
<212> DNA
<213> Homo sapien

<400> 1240
cctttatgga tgaaagtacc cagtgcttcc agaaggtgtc agtacagctc ggaaagagaa 60
gcatgcaaca attagatccc tcaccagctc gaaaactgtt gaagcttcag ctacagaacc 120
cacctgccat acatggatct ggatctggat cttgtcagtg actttatgag agtttctgcc 180
acaaggtgcc caagaggaga ggaatgggaa gagtgcccca gcacgtggtg actgcgtgat 240
ttctgctcra tgcctttmts atamstgacc acactgasgg cgaattmcag cacactggcg 300
gccgttacta gtggatccga gctcggtacc aagcttggcg taatcatggt catagctg 358

<210> 1241
<211> 194
<212> DNA
<213> Homo sapien

<400> 1241
ccaaaggttc gtaatgccat ctctgcacca atctcctccc ccatagcaat aagggcaatc 60
cccagaacag ccactccctg atgtgctccc atgtcagcag gggcttcctt cttgtccttg 120
tctttctttt ccttcttgtc tttgtcttcc tccttctctt tggagtcaaa gtgttcgcta 180
caaatgtgga gcag 194

<210> 1242
<211> 316
<212> DNA
<213> Homo sapien

<400> 1242
ccttgttctc actgccctct aagggaactt ggtcactcgg cacttttaag cctcagtttc 60
tccagttcaa taataaggac aagagctttt cccatgcatt ctctttcccc gggaaagttg 120
actgaggtga ccagtaatag aattgaaaag ggagagtgtc ttcagtgcaa tgtggcatcc 180
tggattgggt cttggaacaa aaacaggaca ttagtgggaa aattggaaat ctgaaaaaag 240
tctgaatttt agttaatata ccaatttcag tctcttggtt ttgacagatg taccatggtg 300
atgtaagatg ttgacc 316

<210> 1243
<211> 275
<212> DNA
<213> Homo sapien

<400> 1243
aaaagggtga tgaaagtatt atgtataata ttataatggt aaatatgtga tatgaatttg 60
ttgaaatcaa cagaatatac agcataaagg gttaattcca attcacaaaa atataaataa 120
ataggagatt aggaattcca ggatagaatg cagacaatat agaaaatatc taatgtcatt 180
acaaatgtat gaaatcagaa gaggtgccaa gtgacctcag aaatagtgta gtcaataaaa 240
gaataaagaa agtgcacgtc agaactgtac cccag 275

<210> 1244
<211> 235
<212> DNA
<213> Homo sapien

<400> 1244
ctgctgcgct tggataacaa gtaattcaac gcacgcactt aacagaaatg ttaaactata 60
acaagcacca tttgaggatt aacaggaaca tttttttgaa gatttcaaac gaactcgact 120
ttcagtataa ttgtacctaa agtatttata aacagctcat cggagcctct atttgtcata 180
gacttttgag ttgattgttg ggaccacata ataggaccat ttttttttg tcttt 235

<210> 1245
<211> 640
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1245
ctgatgatgt tccacaaaag agcaaaacat acacaatctg gttccactct acagaaatcc 60
tggaactgga ctacaaaggg aatagacagg gtgtggcagg agggggttcc tcacggttgg 120
agtgcgaggt tagggacagg aatagaaggy aggtaataaa cattcatgtg gtattaacag 180
ggcagatgtg tcaatrtatt tscaagttta gcataatata ggtataaaaa ttaaataaaa 240
atagtttaka tgtgtgtgta tatatgggtt aatacacaac acatacctcc tagagtcatt 300
acctgagagg ttctacaaga aaagacagca aattaacaaa aaatacaccc agaatcaaga 360
tttgagtttt ggttcctttc atagcagaat ggtatgcaac atttcttgga aaaatggcta 420
atcctagggc ttggaaagag aatataggag taaagtctac aatttctcat ggtacccaga 480
aaataagaaa gggttccaaa atgaagaatc gctccttttg caaaccttat ggtaacaaat 540
ataatattta taaaaagtga attangtaat atgttaatgg agaaataaac atcattatga 600
aatgctatct taacaaaaaa targagaaaa twttagtttt 640

<210> 1246
<211> 509
<212> DNA
<213> Homo sapien

<400> 1246
aaactttcaa agaatcactt ttaggcttac aaaaataaat atttgtcaaa atgttcaata 60
aatattacat aaaactagca gcaaaaagta tctagaaatc tgtcgtgtgc aaatagtttt 120
cttcccaact atcattccca tggtcccaaa taaattttag aatctagtcc catccccttc 180
ctagacaagc tgcgttcaac aatctccaag agacaaagta agattggaag tttaaggaca 240
cgcacacaag acatatatat aaaattctct gaatgtgcaa taaaagaagt actttgtaaa 300
aagttatggg caaaatgtac aagggcctaa acctagacta attgaaatag caccataaca 360
aatgacctca atactgtcaa gtgcacctac ttaataaaag ttttagaaca aggcacaata 420
cacttgaaaa tctattgcac tttaggaaat ttttgccgtc ttcctatgcc actgtaaaaa 480
gatggagcgt tttgatcacc gcattctgg 509

<210> 1247
<211> 310
<212> DNA
<213> Homo sapien

<400> 1247
catatgtgga actattcttg gaaagtctac aaagtgaaat ctatcgagtt atttctcatt 60
tgcaaagtga tcctttgagt catttctcat aatctataat ctgaatgtta atactgatat 120
ttttaaaagc cctacatccc aacagaccag gccatctaga tatttcagcg tggtgtctca 180
ggatgagtaa acaaacagct aaaaatatat gacttatgta aactagagtt acaggagtta 240
ctagcttttc tgaaagggat atattctaag tatttttttct taaaaaaaaa aaaarggggg 300
ggggggggtt 310

<210> 1248

<211> 640
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1248
aaagatataa aactatggag aaaactgcta aagggtatcc ctgaccttta tgatgatgca 60
gctattttcg aggccaaaaa atcattttac tgggcaagaa aaacatctca ttcctttgtc 120
gtgaatatcc ttgctcaggc tctttatgaa ttatttctg ccacagatga ttccctgcat 180
caactaagaa aagcctgttt tctttatttc aaacttggtg gcgaatgtgt tgcgggtcct 240
gttgggctgc tttctgtatt gtctcctaac cctctagttt taattggaca cttctttgct 300
gttgcaatct atgccgtgta tttttgcttt aagtcagaac cttggattac aaaacctcga 360
gcccttctca gtagtggtgc tgtattgtac aaagcgtgtt ctgtaatatt tcctctaatt 420
tactcagaaa tgaagtatat ggttcattaa gcttaaaggg gaaccatttg tgaatgaata 480
tttggaactt accaagtcct aagagacttt tggaagagga tatatatagc atagtaccat 540
accacttata aagtggaaac tcttggacca agatttggat taatttgttt ttgaagtttt 600
tggnatataa atatgtaaat acatgcttta attgcaattt 640

<210> 1249
<211> 1108
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(1108)
<223> n = A,T,C or G

<400> 1249
caaaataaat ttcaattcaa tgaaaagtaa ataacttagg gatctataaa tgacactgca 60
atgtatcttg ttccattttt aacaggaagt ccttcatgca aatgtgtgag tctcccagga 120
tgcatgaagc tccagccttt tcgtggtgac tcaatagagc aattgtacct tacaaatktg 180
caaccacctc cctgaaagtc ttctcccacg ttattaagtg caatgyttat ggtaaatgta 240
gaagcatcat gatgaggacg aagagaacgc tgtcgttcag gggagtattt tactacaaaa 300
ttcagtagtg caaatccctt cgtataatag cctgcaaaga ccttcagtgt aactggtgca 360
atgaactccc ggataaaatg aagccataca ttctccagat caacttgctt catgtggata 420
tcatcagttg ggacattttc ataaccacca gatatacggc tatcatgatg tttttcccca 480
gaccatttgc cgtaatgttc catttcttct accaattcat cacaggnctt tttcagaaaa 540
tatggggaac cmaaaagaca tctggacagg gctgttcaam ctatattttc agtgaaaatc 600
tttgaataat ccmcggttta tatacttttc cttccagtcc acaggatttt caaaaatctg 660
ccagaggtca ttgttataat gggaagtatt gtaattagca gtggataata gccttccaaa 720
ttcatgtcta ttagaaatgt acataaatac accctttggg gggctgagca tttggaatgt 780
ttccggagta ggggagtctt tttccctttg taaagtcatt tctctagcat ttcggcaaag 840
agccatatca ggatccagtt tatcacgaac aaaatagctc ctttcattca tctctgatcg 900
gagtgtcttt cctttaatta agtacacatt agccatatat gggacattcc atactcctac 960
tctattccct tgaacaatat ccacataatc ttcagatcgt gcatagtatc catcaggact 1020
caatgctccc cagaaattgg accacagctt tccatgacga gttacaagag gagcaatgat 1080
ctttctgttt tgttcaatca aaattttt 1108

<210> 1250

<211> 567
<212> DNA
<213> Homo sapien

<400> 1250
ctgaatattg aactggaagc agcacatcat taggctttat gactgggtgt gtgttgtgtg 60
tatgtaatac ataatgttta ttgtacagat gtgtggggtt tgtgttttat gatacattac 120
agccaaatta tttgttggtt tatggacata ctgccctttc attttttttc ttttccagtg 180
tttaggtgat ctcaaattag gaaatgcatt taaccatgta aaagatgagt gctaaagtaa 240
gctttttagg gccctttgcc aataggtagt cattcaatct ggtattgatc ttttcacaaa 300
taacagaact gagaaacttt tatatataac tgatgatcac ataaaacaga tttgcataaa 360
attaccatga ttgctttatg tttatattta acttgtattt ttgtacaaac aagattgtgt 420
aagatatatt tgaagtttca gtgatttaac agtctttcca acttttcatg atttttatga 480
gcacagactt tcaagaaaat acttgaaaat aaattacatt gccttttgtc cattaatcag 540
caaataaaac atggccttaa ctaaaaa 567

<210> 1251
<211> 655
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

<400> 1251
gaaagaaacc aatttaatgc caccaaacat aagcctgcta tacctgggaa acaaaaaatc 60
tcacacctaa attctagcag agtaaacgat tccaactaga atgtactgta tatccatatg 120
gcacatttat gactttgtaa tatgtaattc ataatacagg nttaaggtgt gtggnatgga 180
gctaggaaaa ccnaaggagn aggaaattat nnaaaagaac tgnaggtnaa gtataaagtc 240
atatgcctga tttcctcaaa ccttttggtt ttcctcatgg cttctggctt tatattttta 300
tcacaaacca agatctaaca gggntctttc tagaggatta ttagataagt aacacttgat 360
cattaagcac ggatcatgcc actcattcat gggtgntcta tgttccatga actctaatag 420
cccaacttat acatggcact ccaaggggat gcttcagcca gaaagtaaag ggctgaaaaa 480
gtagaacaat acaaaagccc tcgtgtgggg ggaactgngg gctcactctt acttggcctt 540
cattcnaaac aggttgggnc tttcntgcga ngatctctca gggnggtaaa aactttntgg 600
ntttcaacan aanaggtttg gntgaatgat tactcggcng acacctaagg gatcc 655

<210> 1252
<211> 672
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 1252
aaantgcaaa aacccagaag accaataatt ctgaaacttg gcatgagtgt gcccagtcag 60
cagcttgcaa agagaggatg tgtcagttac tacaattgct gtactccttt agctgagtcc 120
ttcaactttc tccttcttgc cagtaaatac tacgttgtaa ttcatatgac tgagatctta 180
gtatcacagg atttttagct cccatgcctc cttcaaaatt gtttacatgg atttgtttct 240

attctctgta ggccatattc caaacacatt cacttctaaa tccaacacaa gtgaaggacc 300
agccaggatg aaacacttca gcaatcattt tgttaaaaat aacatcctgg tcatcaagct 360
aagcataagc acctcttgta taacaattca tcttaaaagc ttaaagtaca ataataaaaa 420
taactgcctg aaaactggaa atgaaataca acagaaaaac tgaagcatta gtaatttttg 480
caagtaaccc aggtacagta catttgattt catagagggt gttttctgat gtttaaggag 540
agggtagaag ggtaggaaa acttggcaag gaagatggaa acagcacaac cagttatttt 600
gcttttaata aagtaaatgt aatgacagga gtagggaggt gacaaacaca tcnatatata 660
tttttcttat gg 672

<210> 1253
<211> 644
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G

<400> 1253
ccaaatattt gttagaaact tctggtaact tagatggtct ggaatacaag ttacatgatt 60
ttggctacag aggagtctct tcccaagaga ctgctggcat aggagcatct gctcacttgg 120
ttaacttcaa aggaacagat acagtagcag gacttgctct aattaaaaaa tattatggaa 180
cgaaagatcc tgttccaggc tattctgttc cagcagcaga acacagtacc ataacagctt 240
gggggaaaga ccatgaaaaa gatgcttttg aacatattgt aacacagttt tcatcagtgc 300
ctgtatctgt ggtcagcgat agctatgaca tttataatgc gtgtgagaaa tatggggtga 360
agatctaaga catttaatag tatcgagaag tacacagaca ccactaataa tcagacctga 420
ttctggaaac cctcttgaca ctgtgttaaa ggttttggag attttaggta agaagtttcc 480
tgttactgag aactcaaagg gttacaagtt gctgcccacc ttatcttaga gttattcaag 540
gggatggagt agatattaat accttacaaa gagattgnag anggcatgaa acaaaaaatg 600
yggactattg aaaatattgc cttcgttctg gcggaggttt gctc 644

<210> 1254
<211> 438
<212> DNA
<213> Homo sapien

<400> 1254
aaagggcatt tgaggggagg attattgcta tgaatgaaaa aaatatttta gcttagacta 60
agctacctgc cttcaaaata gtttagggac caccaccata ttttattttg tttttatttt 120
tgaacatttt tctaatgatt tggagagaaa actatttaca aaaattccac atatcagtga 180
tacaatttct tgctgtcacc aattttttat aatagcagag tggcctgttc taagaaggcc 240
atatttttta agttatcttt cagggtaaca tggaaatact ataaagttgg atgtcaaact 300
ttaatatgtt ttcagtgttc tctaattttt tggaattttt gtagacttta cacctggaaa 360
aaaagatttg taaaatcacc ggaacaattg tgtgctttat tttataggta gtggttatta 420
gtattacatc cccatttt 438

<210> 1255
<211> 519
<212> DNA
<213> Homo sapien

<400> 1255
caagcacagg ggagtttata gttctgatgt ctttgacatt ttccctggaa cataccaaac 60

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cctagaaatg tttccaagaa cacctggaat ttggttactc cactgccatg tgaccgacca     120
cattcatgct ggaatggaaa ccacttacac cgttctacaa aatgaagcat cttctgagac     180
tcacaggaga atatggaatg tgatctaccc aatcacagtc agtgtgatta ttttattcca     240
aatatctacc aaggaatgac caggagaata agatcctccg atgttcgcaa tggtgtggtg     300
tcaggaggct gcctcttaga caatctccag atgtactgtg atgtgagttt gaaaaagagt     360
tcctgaagta ccacatctgg gagacatgcc actagctgag cttcccaaaa gtctaccaag     420
agctgaggaa ttgtatcttc atccttagca caaagcacct taaaaacagt aaaaggagcc     480
tctatattcc agataaatat agcactgata aagcgacag                             519

<210> 1256
<211> 178
<212> DNA
<213> Homo sapien

<400> 1256
ccatgcagga gttcatgatc ctcccagtcg gtgcagcaaa cttcagggaa gccatgcgca      60
ttggagcaga ggtttaccac aacctgaaga atgtcatcaa ggagaaatat gggaaagatg     120
ccaccaatgt gggggatgaa ggcgggtttg ctcccaacat cctggagaat aaagaagg       178

<210> 1257
<211> 255
<212> DNA
<213> Homo sapien

<400> 1257
gggtccactt gctgccccat cattgtatca ccttccttca atcttttggc tgccactctc      60
atgtagggat ccacggtgag gaacaaagct tcaagcagga cctctccatt ttttaagggt     120
gggagctcag atgtcttcaa ctcaaagtca ctattagtag gatagccaac aaagtgcttc     180
ttcagggtcc atgtcttagt acgaaccatc ctgaagctca ggagcccgaa ggttccactg     240
cctggggaag gcggc                                                       255

<210> 1258
<211> 630
<212> DNA
<213> Homo sapien

<400> 1258
aaaactaaaa gcatcactgc tgaactccag ctcagtcttc ccattttata atgaggactc      60
tgaagtttat agaggtcaag gacttgtcca aagctttaga tatgtagtgt ctgtgccctt     120
ttcctctaag tttctcctag agaatgtggg ggctcaggaa cagagaaaat aaggtgcaaa     180
aagtagaaat gggtggtgtt tctcaaagtg tggtccatct gcatcctagt gactggggtg     240
cttgttaaaa tgcagattgc tgggccttat cccaatctga ccaaatcatc tcaggatcta     300
ccttttgaac aaacttgcct aggtcaaatt cactcttgtg gaagtttaag tacttcagaa     360
acaagacagc cacagaaggt gcacctgcta atttggtggc ttccagtgcc tcatctgtaa     420
cttctggtga aatcctgaga tgtcttactt tacattgttt acatcccata acattccaac     480
atttagaaat tcactcgagc ttatttttct tacttgttta gcactaaatg aaaatagctc     540
cctgaagtta aggagtttat atacagtaat tcatgcaagt gtgtaaatta aacagatgac     600
tttccccccct aatatctaat gcacagcaag                                    630

<210> 1259
<211> 159
<212> DNA
<213> Homo sapien
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<400> 1259
aaaatttaca gataaaggca gttcaatact gccactgaga agtacatctc ttaacatata 60
caactttcag gccacagttt tgaaggtctg aagtattaag ttggtttgat gaattagtcg 120
gttggcactt acgaacacat ttattgcctt gccatcttt 159

<210> 1260
<211> 115
<212> DNA
<213> Homo sapien

<400> 1260
aaaaatacta taatttcaaa acttccaaat ttcaacagat gccagtgttc tctccttttt 60
tcatatggga aaatttcttt caaaattatt tgacgcttgg acaaaaattc cacag 115

<210> 1261
<211> 280
<212> DNA
<213> Homo sapien

<400> 1261
aaaatattgt ttatctttat ttattttgtg gtaatatagt aagtttttt agaagacaat 60
tttcataact tgataaatta tagttttgtt tgttagaaaa gttgctctta aaagatgtaa 120
atagatgaca aacgatgtaa ataattttgt aagaggcctc aaaatgttta tacgtggaaa 180
cacacctaca tgaaaagcag aaatcggttg ctgttttgct tctttttccc tcttattttt 240
gtattgtggt catttcctat gcaaataatg gagcaaacag 280

<210> 1262
<211> 144
<212> DNA
<213> Homo sapien

<400> 1262
aaattatttg atgagttcca cttgtatcat ggcctacccg aggagaagag gagtttgtta 60
actgggccta tgtagtagcc tcatttacca tcgwttgtat tactgaccac atatgcttgt 120
cactgggaaa gaagcctgtt tcag 144

<210> 1263
<211> 487
<212> DNA
<213> Homo sapien

<400> 1263
aaacatcttg ataatttgtt gttgagagct gttcattcta aaatgtaatg aaattcagtc 60
tagttctgct gataaagatc atcagttttg aaaggttact gattttcctc ttccctctta 120
gtttttttacc caatatatgg agaagagtaa tggtcaatct taacattttg ttttaattgt 180
ttaataaagc tgctgggcag tggtgcagca ttcctaccta gtgtcataaa agcaaaatac 240
ttacatagct ttcttaaaat ataggaatga cattacattt ttaggagaaa gtaagttgct 300
ttgcaccgcc tacttaattc ttttccatat attgtgatac aaacttttga atatggaatc 360
ttactatttg aatagaaatg tgtatgtata atatacatac atacataagc atatatgtgt 420
gtgtgtgtgt gtatatatat atatatgcat gctgtgaaac ttgactacac aacataaatc 480
acttttt 487

<210> 1264
<211> 250

<212> DNA
<213> Homo sapien

<400> 1264
ctgcttcaac agagtggcag caaccaagct ggagtccaag ccccctgata aaaggcagcc 60
aatccttctg tctgtcatca aacgtttctt tacagcatta ttaaaaagga tcctgaggtt 120
gttcttcaca gtttctatct caaaacctgg aaagagtttc tccacattgt catagagggc 180
gtgcaggggt tcatcccgac agtgatgata tttaaccatt tccacggatg caactttgcc 240
atttggcttt 250

<210> 1265
<211> 394
<212> DNA
<213> Homo sapien

<400> 1265
aaatatttgt tccaaccttt ttcgttggtg gcatttatgg ctttggagca ctgtcaggcc 60
catgttcatt accgtgagct cctgtgcatc tcctaatttc caaactagcc tggaaaacgc 120
ctccattgac catgattggt tcatggtcct gtgcatggaa catcatatgt tcagggagat 180
aaagaactct gatagtggca cctgggtaaa aagtacaatc cattatatct ggatatcaag 240
atcttttgca gttgaagaga ggtattgcca cagagaaaat tataggagca gaagaaagtc 300
aatgaaagtc aatgatgaca ctccattagg aaccagaaag atggtattta tttatacata 360
taataggtgt aagagattag aggaagcctg tcac 394

<210> 1266
<211> 229
<212> DNA
<213> Homo sapien

<400> 1266
ccacagttgt atcatatagc atctctaaca tttcatctag gattatctag tatagatctt 60
actatatttg gggctatgtt gtatacaatg ttaacaagaa catatcttct ctgcatatat 120
gtgtgaatta taaagaaaag catgagaatg actctaagtt caacaaacat gggtgaatct 180
ctatgtgctc ccagtgtcct ggatgggctc cccagcaagc cattcctcc 229

<210> 1267
<211> 722
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(722)
<223> n = A,T,C or G

<400> 1267
aaatcttatc aactttccaa attttcatac taaaatatat tattgtatta atacaaacta 60
cagtattata cactacactg tgtaataaat aaagaaatat aaaaataaga cacataaata 120
taaaagtttt ctaaaactaa aagtacatat gtcagtaaga agggtattaa tactgccagg 180
tttgaagaca tacagtacaa aaatgttgca cagatctata aactaaaaga aataaaataa 240
tactgatagg taaaaatcag ctaatgttgt taataaattg ggtccataat aactaacatt 300
tggaaacagt tatgagccaa ataacaatag catgtccatg tctgaaatgc aagtacatgg 360
ataaagcaga ttagaaaatt tccctttcgt ttctgtagag aaattctgaa aatcaatcaa 420
cataaaatca ataccgagga attgaaggat gaaatgtccc agtgtttcag tttctctgac 480

agagtcagtg gttttaagtt ttatttggga attttgatac aagagacaaa tcaacaaatg 540
ctagttattg taggccacac attggatgaa ggcgggttag agccttgaaa atactgagaa 600
atggcactta cagcacacag gtcttgctta agggcaaagg agatacaaag cttcatgnca 660
tatccttcat atggtaccac atattcaaac accatcccaa cactgatctg atgattttgc 720
tg 722

<210> 1268
<211> 407
<212> DNA
<213> Homo sapien

<400> 1268
gatgacacaa gcagctaata accatttctg ggtttctgcc taacccccta attgtctgtt 60
aaagccaatt ctctgggtgt cccagtgagt ggtggctttt tttctttcca cattggcaca 120
ttcacttctc ccactcttgg catgtaagaa ataagcattt acataattgg aaaaatctgg 180
atttctgatg ccaaagggtt aaagcttctt ggatttcatt tcattgatat acagccacta 240
ttttattttt gatcagtggc ctttgggcca ctgttcaggg tactgaccat cagtgtcagc 300
attagggttt tggtttttgt ttcttttggg tatttctttt ttggcacatg tgaatcttgt 360
tttgtgtaaa atgaaattac tttctcttgt tctctgatga tgggttt 407

<210> 1269
<211> 675
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G

<400> 1269
ctgaaaaaga gtgatcctca atatcctaac taactggtcc tcaactcaag cagagtttct 60
tcactctggc actgtgatca tgaaacttag tagaggggat tgtgtgtatt ttatacaaat 120
ttaatacaat gtcttacatt gataaaattc ttaaagagca aaactgcatt ttatttctgc 180
atccacattc caatcatatt agaactaaga tatttatcta tgaagatata aatggtgcag 240
agagactttc atctgtggat tgcgttgttt cttagggttc ctagcactga tgcctgcaca 300
agcatgtgat atgtgaaata aaatggattc ttctatagct aaatgagttc cctctgggga 360
gagttctggt actgcaatca caatgccaga tggtgtttat gggctatttg tgtaagtaag 420
tggtaagatg ctatgaagta agtgtgtttg ttttcatctt atggaaactc ttgatgcatg 480
tgcttttgta tggaataaat tttggtgcaa tatgatgtca ttcaactttg cattgaattg 540
aaattttggg tggatttata tgtattatac cctgtcacgc ttctagttgc ttcaaccatt 600
tataccattt tgnacatatt tttacttgna aatatttacc tgncccggcc ggccgtcgaa 660
agggcgaaat tcaac 675

<210> 1270
<211> 268
<212> DNA
<213> Homo sapien

<400> 1270
ccatcctggg cggagctaaa gttgcagaca agatccagct catcaataat atgctggaca 60
aagtcaatga gatgattatt ggtggtggaa tggcttttac cttccttaag gtgctcaaca 120
acatggagat tggcacttct ctgtttgatg aagagggagc caagattgtc aaagacctaa 180
tgtccaaagc tgagaagaat ggtgtgaaga ttaccttgcc tgttgacttt gtcactgctg 240

acaagtttga tgagaatgcc aagactgg 268

<210> 1271
<211> 307
<212> DNA
<213> Homo sapien

<400> 1271
cctactcttc tccgtccatt gtactatctg cccgtggtgg ggatggcagt aggatcatat 60
ttgatgactt ccgagaagca tattattggc ttcgtcataa tactccagag gatgcgaagg 120
tcatgtcctg gtgggattat ggctatcaga ttacagctat ggcaaaccga acaattttag 180
tggacaataa cacatggaat aatacccata tttctcgagt agggcaggca atggcgtcca 240
cagaggaaaa agcctatgag atcatgaggg agctcgatgt cagctatgtg ctggtcattt 300
ttggagg 307

<210> 1272
<211> 798
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

<400> 1272
ccattgctag aaattgaatc acaaataata gctaataatt tttcattttt caaaaaagat 60
catttggata gcagctatgt ataaaatgga aaataaaaaa ttattctatt ttgcatgaat 120
agttcagact ttcccatacc acagccaagc agtaactaaa attaggatct taattttcaa 180
tgataaaagg tctaaggttc atttaattat gctcctttaa cactgtcttt ctagattttt 240
cacccagtat tttcaaaatt tgggaatgta aacaattgat atatttattg tatgttggct 300
agcagttcat ccttctgcaa aatatgcatt cagagaaatg tgaagcttgt tttaatgaag 360
acttaaacca tttgtgtcat ttgtgttttc atattcaaat acaccaaatt aaaattctga 420
acctatattt ttcatcatta acttcctaat ataccagaac atatacctttt ttcatgtaaa 480
gttggcaatg ggatatggca gttttatttt tgaaaaatat gtaacatgac tttaatattt 540
ttatagtttt cagaattaga aacataggaa gggaaaatgt tttaattaga taagtcaact 600
ttttatgggc tgnagtggng actataatag caaattataa agcattatta aatggttata 660
ataattttaa tattacctca ttatgaatta actaaaataa agnggagtga tatttttaat 720
gggtgntcat actggagctc ctgagatata tgatttgcta ttgactcact ggntgattga 780
ataatatatt actcgcgg 798

<210> 1273
<211> 664
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

<400> 1273
aaaatatacc ttttcacagg tagcaagaaa tagtacatgt aataagtctt tatgactgga 60
atgatccaga aatatcacaa agcatgagta aacacatata taaaagtagc tcatcatttc 120

caaaagttaa cctttagcct ttgtgtaaaa taaatggtgc caacaatctt tataatgtag 180
caagctttcc ctgtttaata tccaaaaaat ggagggtggg gaggttgaag aaaaataaga 240
aaagttagca aataagatag tgaaaagacc aatgcagaga aaagtttatg taatcaaatc 300
ttgctttgtc tccacattat cacattttaa gtggataaat ttatgtaaac agaaaaagat 360
gtccacaaaa ccatatctat agatgtcatt tggaagcatc aagaaattga taagtatgtg 420
gtgaattaaa attactttta taatgttttg ctttcattaa tgtttgttat tgcaaaaatg 480
taagatttcc tacaattttg tcttcaaatc ccaatctagc ccttcaaact tttatccagg 540
ttctccagaa tatttggagt ctttgttatc aaagcacaag gaaagctggc attcattatc 600
agacttcgct gctttacaat ganttcaaat catttcatga tacaaataaa gtgcctctga 660
ctgg 664

<210> 1274
<211> 153
<212> DNA
<213> Homo sapien

<400> 1274
ccacaataaa gtttacttgt aaaattttag aggccattac tccaattatg ttgcacgtac 60
actcattgta caggcgtgga gactcattgt atgtataaga atattctgac agtgagtgac 120
ccggagtctc tggtgtaccc tcttaccagt cag 153

<210> 1275
<211> 504
<212> DNA
<213> Homo sapien

<400> 1275
aaaattctga taaaaattta ctcaattaca ttttatacat taatatttag tgaatttgtc 60
caaaaaggct atgtttaatt tatgtgtaaa aataacaaaa gatgtatcag tcagtctctg 120
ggcaataaga aaggaagaaa gccttgctag aaataataaa taatctcacg caaaaggcca 180
ggtgacataa gaatactaca ataatcaata tgttttcttt gtatttacaa taaaatccat 240
ctgttaacac tgtgatagaa aaaataatca gtccacatca tgtaataaaa acaggctttg 300
aggatgatta tacctcttat aataaaaaca tacaaggatt tctcacagct aaagtacttt 360
tcaactttga caactaatga cagtcatggg tgaaggtaaa actgacagag tactttagat 420
cagctatgtc ctacagtcaa ggaatcaagg gcattaccca tttaccaagc agcaaaaagc 480
actttcattt ttccagaact attt 504

<210> 1276
<211> 533
<212> DNA
<213> Homo sapien

<400> 1276
gacaatgatg tcactgtttg gagcccccag ggcaggattc atcaaattga atatgcaatg 60
gaagctgtta aacaaggttc agccacagtt ggtctgaaat caaaaactca tgcagttttg 120
gttgcattga aaagggcgca atcagagctt gcagctcatc agaaaaaaat tctccatgtt 180
gacaaccata ttggtatctc aattgcgggg cttactgctg atgctagact gttatgtaat 240
tttatgcgtc aggagtgttt ggattccaga tttgtattcg atagaccact gcctgtgtct 300
cgtcttgtat ctctaattgg aagcaagacc cagataccaa cacaacgata tggccggaga 360
ccatatggtg ttggtctcct tattgctggt tatgatgata tgggccctca cattttccaa 420
acctgtccat ctgctaacta ttttgactgc agagccatgt ccattggagc ccgttcccaa 480
tcagctcgta cttacttgga gagacatatg tctgaattta tggagtgtaa ttt 533

<210> 1277

<211> 78
<212> DNA
<213> Homo sapien

<400> 1277
ccacaggaag ttgcaaaaat tagatggact ctgtgtagct agccactctt gagtgtcagg 60
tctgcatatg tgagtttt 78

<210> 1278
<211> 560
<212> DNA
<213> Homo sapien

<400> 1278
aaatatctaa aacaatggcc cactgaagaa aggaacaatt aactctttaa ttaattcctt 60
aggataagta cccagaaatt taacagctag ggcagacttc taatacaata ccgaaagtcc 120
ttccaaaaac caagtggttg ccaacttatg tcccttagca ttataacatt cttgagccaa 180
tagtgtaaaa atacgctgac aattttatag gcaaacatta ctcaaggtat cttactttcc 240
acttattact aaagtaatta acccctaaat agatgctcct caacagtggg actacatcct 300
ggtaaaccta tcataagttg aaactatcaa gttgaaatgc atttagtacc cggataaacc 360
tatcataaag ttgaaaattt gtaaattgaa ccagtgtaaa tcagaggcca tcttacttca 420
tactcatgaa gcaactatag tgggatattt ttcaacttac gagatagcct aggcttgttg 480
aaacactgtc ctaatttact ggctctctgg taattaagtc ataaatggtc aaacatcaaa 540
ttctagaaaa gcatatattt 560

<210> 1279
<211> 580
<212> DNA
<213> Homo sapien

<400> 1279
aaaggagatt gtttcaaaat atttttgcaa attgagataa ggacagaaag attgagaaac 60
attgtatatt ttgcaaaaac aagatgtttg tagctgtttc agagagagta cggtatattt 120
atggtaattt tatccactag caaatcttga tttagtttga tagtgtgtgg aattttattt 180
tgaaggataa gaccatggga aaattgtggt aaagactgtt tgtacccttc atgaaataat 240
tctgaagttg ccatcagttt tactaatctt ctgtgaaatg catagatatg cgcatgttca 300
acttttttatt gtggtcttat aattaaatgt aaaattgaaa attcatttgc tgtttcaaag 360
tgtgatatct ttcacaatag ccttttttata gtcagtaatt cagaataatc aagttcatat 420
ggataaatgc atttttattt cctatttctt tagggagtgc tacaaatgtt tgtcacttaa 480
atttcaagtt tctgttttaa tagttaactg actatagatt gttttctatg ccatgtatgt 540
gccacttctg agagtagtaa atgactcttt gctacatttt 580

<210> 1280
<211> 307
<212> DNA
<213> Homo sapien

<400> 1280
aaacacatac gaagaaatca actgtgatta tgaagtggca gccagctaaa tatgtcttgt 60
atttgctctc ttccttttttt tgcctaactc atcctttact tccattcctg cttccatggt 120
aatgcaggct caaataaatt actaggatac aagattactt caagcctctt ttctgtggaa 180
ctcataatat gataagcatt tgttacaaga ttgcctgtag ttgtttaggg gataaattat 240
attagggaaa gaaagtcttt ctttagttgg ttaaattttc tattataatt gggtactaaa 300
tttattt 307

<210> 1281
<211> 235
<212> DNA
<213> Homo sapien

<400> 1281
aaaatatttt aatagttaca tagcacttta gtttgctgat ttaatttatc ccaagggaca 60
aggatgttaa tgagaaaact gactagattt cagatcacag attttaagag aacaaggatc 120
tcaaaaccaa ataccctctg cttaaagtgt tttttgtgtt tttcactact gaaaatgttt 180
agagattgac ttacctattg ctgatactca aaacatctga tatcttaata ttttt 235

<210> 1282
<211> 230
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 1282
aaagaatttc tttataagat tkactgtmta agattaatag cattcgaaga tccccagact 60
tcatagaata ctcagggaaa gcatttacct csgtcgctga ccackctarg ggcsawggcc 120
agcacactgg cggccgttac tagtggatcc gagctcggta ccaagcttgg cgtaatcatg 180
gtcatagctg attnctgtga ggtaccagat tgcctgtagt tgtttagggg 230

<210> 1283
<211> 638
<212> DNA
<213> Homo sapien

<400> 1283
aaacacaaca gctataaacc tgaacacata tgctatcatc atgccataag actaaaacaa 60
ttatatttag cgacaagtag aaaggattaa atagtcaaat acaagaatga aaaacgcagt 120
acatagtgtc gcgaactcaa atcggcattt agatagatcc agtggtttaa acggcacgtt 180
tttgcttata aaaaaagtgc aaaaaagatg tggtttacaa gttaaagcta cagaatccct 240
ttttgctgta attgcaccag ttttaaagcc tctggacaga gcagtatttc gtttaaaact 300
ttgttyttct taaaagctta cagtgtttgg ctaattctcc tcycctttt acaagacggg 360
ggccggaggg tggacactgg tggcaggtta agggatactg tcactttaag aagcctgcag 420
attgaagtgt aaacatggag aaattagggg ctgatttttt aaactgtgtg agatattaac 480
cagccgccct gttataaaat caggaaatcc aaacagcgat ttacaccgat taacaccccc 540
tttatatatt ttttacaaaa atacactgag aaaataatca aacgttttca tctctcttgt 600
ctttttttgt tttttaaaag tgtcaaaagt ctacattt 638

<210> 1284
<211> 745
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(745)

<223> n = A,T,C or G

<400> 1284
cgacggtatc gataagcttg atatcgaatt cctgcagccc gggggatcca ctagttttga 60
atttacacca agaacttctc aataaaagaa aatcatgaat gctccacaat ttcaacatac 120
cacaagagaa gttaatttct taacattgtg ttctatgatt atttgtaaga ccttcaccaa 180
gttctgatat cttttaaaga catagttcaa aattgctttt gaaaatctgt attcttgaaa 240
atatccttgt tgtgtattag gtttttaaat accagctaaa ggattacctc actgagtcat 300
cagtaccctc ctattcagct ccccaagatg atgtgttttt gcttacccta agagaggttt 360
tcttcttatt tttagataat tcaagtgctt agataaatta tgttttcttt aagtgtttat 420
ggtaaactct tttaaagaaa atttaatatg ttatagctga atctttttgg taactttaaa 480
tctttatcat agactctgta catatgttca aattagctgc ttgcctgatg tgtgtatcat 540
cggtgggatg acagaacaaa catatttatg atcatgaata atgtgctttg taaaaagatt 600
tcaagttatt aggaagcata ctctgttttt taatcatgta taatattcca tgatactttt 660
atagaacaat tctggcttca ggaaagtcta gaagcaatat ttcttcaaat aaaangggt 720
taaactttaa aaaaaaaaaa aaaaa 745

<210> 1285
<211> 190
<212> DNA
<213> Homo sapien

<400> 1285
cgacggtatc gataagcttg atatcgaatt cctgcagccc gggggatcca ctagttatta 60
atagtaatca attacggggt cattagttca tagcccatat atggagttcc gcgttacata 120
acttacggta aatggccgcc accgcggtgg agctccagct tttgttccct ttagtgaggg 180
ttaattgcgc 190

<210> 1286
<211> 153
<212> DNA
<213> Homo sapien

<400> 1286
ctgcatcttt ctacaattct accagcaata tatgagggtt acaatttctc yccatctttg 60
tgaacgcttg ttagagtctg tcctcttttc ttccattctg tgggttggct ttttactttc 120
taaatggtag aaccttcaaa gcacaaaggt ttt 153

<210> 1287
<211> 232
<212> DNA
<213> Homo sapien

<400> 1287
aaaaacacaa aacactagaa cagttgctat gaaattactg ataatgatcc ctttaataaa 60
ctgcaattaa ccactaatat agaaattcaa tttaagcaag aagttttata tattatactt 120
tacagaaaaa aataattttg aaaaagtaat gmcaaacaga gatcaaacat ttagggcatt 180
agttactgca ttctcttttt agaatataca ttaagtaaca ctagtaaaat tt 232

<210> 1288
<211> 90
<212> DNA
<213> Homo sapien

<400> 1288
aaacttagtg actatttagt tcaattgytc atccattttt tatttgcttt tataattgcc 60
tccttgtttt ggtatattgt aaaataattt 90

<210> 1289
<211> 670
<212> DNA
<213> Homo sapien

<400> 1289
aaatcacaaa gtaaggcacc attggattaa acatttctcc tggcttttac taagtaaaat 60
gcatagtgaa ataaatactg aacactgagt tttaatactg taatacattt caatataaaa 120
taagaggtga atgttaaaat actgtattac atgttgaata catttatctg aaaatgttat 180
aaaaaaacac acatgtaagc tctgatttca gggaagaaaa attcattttt gtaattttcc 240
atagtttaag attttaccac agaacttatt catagtttta gatgcaatta ggttgcaaac 300
tttcaaagaa agggtgtagg tgtattaatg aaacagtcac ttaaacacta cattctaaaa 360
caatctattc tggatgaatg gcaactttga gctatcaccc tgtttcagat ttagaacggt 420
acctgccaag ttcagatatg caaaggaatt gtccaattct tactacccct tataaaattc 480
agactcactt tctctgagtc agacttttct ccgtcatatt ttctaggaag ggcaaattcc 540
atcttttgtg aaatgggtca ttaggcttta tcatagggat gtttttcact gttgaaatca 600
gataaaagaa tcccaaataa atgatgctgc taaattacca aactgctaga gattaaaaaa 660
attttttttt 670

<210> 1290
<211> 352
<212> DNA
<213> Homo sapien

<400> 1290
aaacaatgct acacccattt ttggcaaagt gctgtattgt tcagtctgtg tacaaaactg 60
accatctatg aaccaatcag tataaaaaat ttctataaaa acaaaattta gacagtggct 120
caagaaaaca agctgccatt tatgcataga ttgatgtaca gtaacctaac caaatgtccc 180
ttttgaattt tcaagttact gaaaaaaaat gtgtcgagaa acacattaag aaggcacatg 240
tacagtctac aatactcttc agtctcccta actcatgccc tgcccctata aaggaaatat 300
gttcacaatt ttacttgaga aaaaaaaaca aagccactta aaaaaaaaaa aa 352

<210> 1291
<211> 99
<212> DNA
<213> Homo sapien

<400> 1291
aaaaattatt taaggtaatg gtgttacgaa tggtttaaaa atgtctggtg acttgcttat 60
ttttaagtga tcaccattaa gtcagaaaaa tgtatttttt 99

<210> 1292
<211> 295
<212> DNA
<213> Homo sapien

<400> 1292
aaatatacct ttatttctca aactcaaagc tttatcaagt tctaacacat tttgcattga 60
caagtgattt tatctgcatc aagtaaggtt agtgaccacc acgaaagagg aatccccaga 120
cctcctaggc actaagaaat atttcaaagg ctatgcaaat atagaacaaa aagctttcaa 180

tttagtctaa ttggtatcta tttttcatct atattaattt ggaaataagt tgctacctta 240
gaaaaattac atttttatcc attaaaataa aacaccagat aggttgagtt ttttt 295

<210> 1293
<211> 256
<212> DNA
<213> Homo sapien

<400> 1293
agattcactt caaagtgaaa atgacaacac atctcaagaa actcaaagaa tcatactgtc 60
aaagacaggg tgttccaatg aattcactca ggtttctctt tgagggtcag agaattgctg 120
ataatcatac tccaaaggaa ctgggaatgg aggaagaaga tgtgattgaa gtttatcagg 180
aacaaacggg gggtcattca acagtttaga tgttcttttt atttttttc ttttccctca 240
atccttttt attttt 256

<210> 1294
<211> 90
<212> DNA
<213> Homo sapien

<400> 1294
aaaatactta gctttattaa agacatggta ctaaaaataa cagattccaa catttgctct 60
atttctactt atatatcata aataagacag 90

<210> 1295
<211> 519
<212> DNA
<213> Homo sapien

<400> 1295
ctgtcgcttt atcagtgcta tatttatctg gaatatagag gctcctttta ctgtttttaa 60
ggtgctttgt gctaaggatg aagatacaat tcctcagctc ttggtagact tttgggaagc 120
tcagctagtg gcatgtctcc cagatgtggt acttcaggaa ctctttttca aactcacatc 180
acagtacatc tggagattgt ctaagaggca gcctcctgac accacaccat tgcgaacatc 240
ggaggatctt attctcctgg tcattccttg gtagatattt ggaataaaat aatcacactg 300
actgtgattg ggtagatcac attccatatt ctcctgtgag tctcagaaga tgcttcattt 360
tgtagaacgg tgtaagtggt ttccattcca gcatgaatgt ggtcggtcac atggcagtgg 420
agtaaccaaa ttccaggtgt tcttggaaac atttctaggg tttggtatgt tccagggaaa 480
atgtcaaaga catcagaact ataaactccc ctgtgcttg 519

<210> 1296
<211> 419
<212> DNA
<213> Homo sapien

<400> 1296
aaagcaaaca gcagaaacca gaagcttctg accctctaac atgtattact gtccaaccca 60
ccatgagaag tatgttcact tggtgacaac aaagagactc cgtatcatat gtatgttaat 120
gaccagattg ttcatatggg atttttctta acagattatc aggttgagaa tgattctttt 180
tctccaaggg caagaaaaag ctggctaaat gctagttaat taaatccatt ctcaattttg 240
aactgtagag aagaacctga cttgaatgag attttctaaa ggaagacatt tcttgctcaa 300
cctcaggtat aattagatta taaggaatct cacgtccaga attttatctg ctgattgtta 360
gtatggtagg taattggcct taggacacta tttctactag aacccctttac attatttttt 419

<210> 1297
<211> 199
<212> DNA
<213> Homo sapien

<400> 1297
caggtctgaa gattttacat gcagatacca gataccttaa cttgtatttc tttagtcatc 60
ttttggcttg gaagtttcct ctgttgtctt tgctgaatcc ttcgctttac ctccattctt 120
aggtgctttg gagctggaag cagccttctt gcacttatcc tttgctgtgt tctgtgaggt 180
ttctgtagtg gagggacag 199

<210> 1298
<211> 484
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 1298
aaatacactt gaaaagtaaa atgtttttct agcttttccc tcagggcgta acaccacacc 60
attcataaca atgctatttt ccaaaggttt caattagatt tcctcagaag catacctgaa 120
ctgttaatca ttacaactcc tttgtgaaac atgggactgg ttgattaccc agtgtaatca 180
ctggctgaaa cctcagcaca ctgtttttca ccccagtgga ggcaggtttt cacctcccct 240
ctagctgtac ccctctctta atgcccatat tagagaactg tgatcttctt tctccactag 300
aaatgttcac tttcatcagg taagggataa aacaaaaaca agagacagaa gatcttaaaa 360
aaaaaaatag taatagggca agtaaactca gtgaggttag aggaatttgt ttgggggca 420
ttctatgttg ttagytncat atcatgttca gtttgntggt tctaganccc tctgaaatgc 480
atta 484

<210> 1299
<211> 419
<212> DNA
<213> Homo sapien

<400> 1299
aaagtccatc tttgcaaatt atacgttgct ataaatacat tgtgtatttg gcattatgtg 60
aatttgttta atccagtgtc aattgtctaa tggtctaaag tgtcccattg aagttataat 120
ctggatgaac tgaacaataa gagaagtttt cttcattagc ccaattgttt atcactcaat 180
tcctactcct gcccatggtt tcttccacct tcctctggag aacataaaga gattctagat 240
ctctgtataa ggtggtttgc tttagcttga aatcatcagt gaggattata catgggcaat 300
gtccagaaat cacattattg ctcatagacc gtgtagtctt gatctaacgg ataactgtac 360
attgtcttca ctaagaagct agggtggttg tccttgatat tgggacattg tagacttgg 419

<210> 1300
<211> 182
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(182)

<223> n = A,T,C or G

<400> 1300
ccntngaatt gtgtgcatag ggaagcactc acccaatgag actttctcca atgtggactc 60
tgtgtgtcag ggaatgaatg tagaaaaatt cactttggag ggttatcakc tcaactagta 120
agaagcatta atattattaa agtgaagaaa ctgcagagaa aattacagaa caaaactgta 180
gg 182

<210> 1301
<211> 312
<212> DNA
<213> Homo sapien

<400> 1301
aaagttttta tctctgctga ggcttcacat ctgtttgctc aattttattt ttatttcaat 60
ccttgagcat gtttataata tagtagtatc cccttattgt ggctttactt tcctcacttt 120
cagtcaccca cagtcaaaaa atatgaaata taaaactcca gaagtaaaca gtttataaat 180
tttaagtcac actttgttct gaggaatgtg atgcaacctc ccgccattct gctgtatcca 240
gttcaggatg tgacataccc ctttgctcag cagatacaca attcctgctt cctgctcatt 300
agacatttgc ag 312

<210> 1302
<211> 109
<212> DNA
<213> Homo sapien

<400> 1302
attcttagat tatatgtgtc catctttgca gctttctgag agtaatttta tttgttgtct 60
tctgaaatgt acatgtatac atgtacctac tgagtgctat gtgattttt 109

<210> 1303
<211> 330
<212> DNA
<213> Homo sapien

<400> 1303
ccagagttac ttggatcagc atttaggaaa gtaaaatata gtggaagtaa aactgactca 60
tccaactaga cattctacag aaagaaaaat gcattattga cgaactggct acagtaccat 120
gcctctcagc cagcccgtgt gtataatatg aagaccaaat gatagaactg tactgttttc 180
tgggccagtg agccagaaat tgattaaggc tttctttggt aggtaaatct agagtttata 240
cagtgtacat gtacatagta aagtattttt gattaacaat gtattttaat aacatatcta 300
aagtcatcat gaactggctt gtacattttt 330

<210> 1304
<211> 170
<212> DNA
<213> Homo sapien

<400> 1304
ccactgtagt ctgcatatcc ctgtccatat ccatagttcc catagttata cccagtataa 60
tcatatccgc catagccact atagttttga tcaccaccat aggcactatt gtaatttcca 120
tatccttgat cataatagtt attaaatcct tggttccagt tttggccctg 170

<210> 1305

<211> 468
<212> DNA
<213> Homo sapien

<400> 1305
aaaaataaat atttatactc cagcttttgt gtatttggtg tacatcacca cttatgcaaa 60
tcaaggatca gaaaactgga ggttagccat ctccattatt tccttttgca cattgggtac 120
agtgggtggc attagtatgc actagctgca aagtcacagc accttatgga aataagtatg 180
tttattataa taaaaaaaag ttaagctgca tctctgtaga ttatttactt tgcagactgt 240
aaagctgccc tatcttttcc agcagaattt actcttccat tcttaattct tttttgaaat 300
atcttaaata atttaacatt cctttataac ttcttaacag tgtcaaaact ggggtagaag 360
ggattttatt ttttcccaaa agggttccat ctttgctatc tgttgatcag ccttagaaaa 420
tctaagtatg atcaataaat tttaatggtt gatggcatcc tgtgtcag 468

<210> 1306
<211> 326
<212> DNA
<213> Homo sapien

<400> 1306
tggtaaagaa ctacctgtta atgcacaaaa ctatgtgcga tttattgaag atgagcttca 60
aattccagtt aagtggattg gtgttggtaa atccagagaa tctatgattc aactctttta 120
atgattgcca gtaatgcaag aaacactcct tgagagggag gggaaaagac tttcttaaat 180
atttcattta tgacctgcaa attcaagaat aaagacactg aagtaagttt gaagccctac 240
agytgtttcc agtcttttca gatggatgcc tactgtggag attaactttg gcatattcca 300
gtgtcagctt tctttagctg gaattg 326

<210> 1307
<211> 614
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 1307
aaaaattatt actgtaagaa atagttttat aaaaaattat atttttattc agtaatttaa 60
ttttgtaaat gccaaatgaa aaacgttttt tgctgctatg gtcttagcct gtagacatgc 120
tgctagtatc agaggggcag tagagcttgg acagaaagaa aagaaacttg gtgttaggta 180
attgactatg cactagtact tcagactttt taattttata tatatataca ttttttttcc 240
ttctgcaata catttgaaaa cttgtttggg agactctgca ttttttattg cggntttttt 300
gttattgttg gtttatacaa gcatgcgttg cacttctttt ttgggagatg cgygtytgyt 360
gatgttctat gttttgtttt gagtgtaggc tgactgtttt ataatttggg gagttctgca 420
tttgatccgc atcccctgtg gnttctaaag gggatggncc tcagnaactg ttgcatggat 480
cctgtgtttg caactgggga ggacagaaac tgggggtgat agccagtcct gccttaagaa 540
catttgatgc aaagaatggg accctgcccc ggggccgggn cccctccgaa angggggga 600
aaatcccang cacc 614

<210> 1308
<211> 304
<212> DNA
<213> Homo sapien

<400> 1308
ctgtcttttg gaggacgtac gtaataaggt tttaatttag taaaccaatc ctatgcatag 60
tttcagcact agccaaacct caccaactcc tagttctaga aaaacaggca cttggcagcc 120
ttgtgatgtc atacagagaa gtcacaggca gtacctgagg gtctgtaggt tgcacacttt 180
ggtaccagat aacttttttt ttctttataa gaaagcctga gtactccaca ctgcacaata 240
actcctccca gggttttaac tttgttttat tttcaaaacc aggtccaatg agctttctga 300
gcag 304

<210> 1309
<211> 289
<212> DNA
<213> Homo sapien

<400> 1309
gggatttcca attaacagta ttaccagata aatattcttg gtccaagcag aaaatatcaa 60
caaaaagagc cttcttctcc tgtaaatctt aaatgcctac atcactcttt atgatacatg 120
gatcatctta tgtggatact taaatttttc atgtctgctt cttttgcctc tcccaactat 180
actatgagga aattcggaac aaagacattt ttgtaatatt tcttatctcc ttcacaccta 240
gtatagagct gattttacaa aggcatttaa gagatatttg aattgattt 289

<210> 1310
<211> 534
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

<400> 1310
tgctttgcat tttctgatgt attacatgac tgtttctttt gtaaagagaa tcaactaggt 60
atttaagact gataatttta caatttatat gcttcacata gcatgtcaac ttttgactaa 120
gaattttgtt ttacttttt aacatgtgtt aaacagagaa agggtccatg aaggaaagtg 180
tatgagttgc atttgtaaaa atgagacttt ttcagtggaa ctctaaacct tgtgatgact 240
actaacaaat gtaaaattat gagtgattaa gaaaacattg ctttgtggtt atcactttaa 300
gytttgacac ctagattata gtcttagtaa tagcatccac tggaaaaggt gaaaatgttt 360
tattcagcat ttaacttaca tttgtacttt agagtatttt tgtataaaat ccatagattt 420
attttacatt tagagtattt acactattga taaagtttgt aaataatttt ctaagacagn 480
ttttatatan gctacagggt gccctgattt tcttattgaa tttggttaga ctag 534

<210> 1311
<211> 114
<212> DNA
<213> Homo sapien

<400> 1311
aaaatttgta ggagttgtag actacctaaa tttttaagtt atggyatttg gtcataggtt 60
gactgggtag gtaaagaagg aaacagacaa gaaaatggct tcttgaggtg gcag 114

<210> 1312
<211> 95
<212> DNA

<213> Homo sapien

<400> 1312
gggcgggtaa aggtaggccg cgagagcgag gttaggagag gataggaggc cgcagtactg 60
ctcacacgct ccgctcttct cccactctcg actct 95

<210> 1313
<211> 519
<212> DNA
<213> Homo sapien

<400> 1313
aaatgataca gtattttagg tatgatttaa gactatgatt tacctataca ttatatatat 60
tttataaaga tactaaacca gcataccctt actctgccag agtagtgaag ctaattaaac 120
acgtttggtt tctgaataaa ttgaactaaa tccaaactat ttcctaaaat cacaggacat 180
taaggaccaa tagcatctgt gccagagatg tactgttatt agctgggaag accaattcta 240
acagcaaata acagtctgag actcctcata cctcagtggt tagaagcatg tctctcttga 300
gctacagtag aggggaaggg attgttgtgt agtcaagtca ccatgctgaa tgtacactga 360
ttcctttatg atgactgctt aactccccac tgcctgtccc agagaggctt tccaatgtag 420
ctcagtaatt cctgttactt tacagacagg aaagttccag aaactttaag aacaaactct 480
gaaagaccta tgagcaaatg ggctgaatac tttttttt 519

<210> 1314
<211> 518
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

<400> 1314
ccatggtggg tgaagacgct gatctgccct gtcacctggg gttttttatg agtgcagaga 60
ccagggagct gaggaaaccc gagytccagc ctaaggcagg tggtgaacgt gtatgcagat 120
ggaaaggaag tggaagacag gcagagtgca ccgtatcgag ggagaacttc gattctgcgg 180
gatggcatca ctgcagggaa ggctgctctc cgaatacaca acgtcacagc ctctgacagt 240
ggaaagnact tgtgttattt ccaagatggn gacttctacg aaaaagccct ggtggagctg 300
aaggttgcag gtgagcctcc aggttttgnt ctgagaacac ttctctgtag gatctanagc 360
agatgcagag tccctcttcc aaaagtactg cagacactcc tggctgctca ctagcaatng 420
tctgcactgc ctcccaactn agcttctctg caacccttaa gaaagacaca ttctttcttt 480
agaaagaatt cctgctgnac cttacatgcc gaagtaaa 518

<210> 1315
<211> 360
<212> DNA
<213> Homo sapien

<400> 1315
tctgtgcatc caatttatta tagwtttgta agtaacaata tgtaatcaaa cttctaggtg 60
acttgagagt ggaacctcct atatcattat ttagcaccgt ttgtgacagt aaccatttca 120
gtgtattgtt tattatacca cttatatcaa cttatttttc accagkataa watcttratt 180
tytacgacct atcattctga atcaagmaca ctgtatgttc agtaggttga actatgaaca 240
ctgtcatcaa tgttcagttc aaaagcctga aagtttagat ctagaagctg gtaaaaatga 300

caatatcaat cacattaggg gaaccattgt tgtcttcact taatccattt agcactattt 360

<210> 1316
<211> 277
<212> DNA
<213> Homo sapien

<400> 1316
aaaaaacacg tttgttatta ccaaawagag acggctttag gtaaaaataa taaaaaccct 60
ttgcttgyat tacytatgca ratagttsta tttatctggw cwacgggyta aaggyacagy 120
actataggwc tctggcttga gtmtttacgt tcatttctta ttgctggaat ktcatatttc 180
ttcttgttgg atgactaaac cggatgatgg tagagatggt aagccggcat ttactcagcc 240
ccgccctgct cagcctcggg agcggacgaa ttctcag 277

<210> 1317
<211> 716
<212> DNA
<213> Homo sapien

<400> 1317
aaaatgttct cttgagacta gtaggcatag aagaaagcag aaggaaaata aatagaaaga 60
aggtcttcta ccttcatggc tattcaggct caggagggtg gagagaaaaa gaaggaggac 120
aaatgaacaa gacagatgag ggagacatcc tctctgatat aagatacagt cctctctggt 180
ggatggagtc caatttgtgt aacttcctat gtattttcct agataggacc accactattt 240
gagaaaatat ctcactggta acctaaagcc aaggataata aaccttgata tacttaacat 300
tcaatttctt tccagcaatg tgataaataa atctatcttg tgtttctctt gcagattgta 360
aaagcattag aacatttaca tagtaagctg tctgtcattc acagaggtaa gcatccatga 420
gctgccttgg ctgttccttt gataaagttc atctctttca cctggagtcc gtctctaccc 480
ccagtccccc atgggtggaa gtagaattga ctcaggcaag agaactaagg ggctttcctt 540
tgagattgga tagcaaacca tataagtagt attccttatc atggctgagg acataagaag 600
aagacgtgat ctttgtctta catccaaatt gaatataaac acttggtagc aagcagagct 660
atgagatcat atcattgaga attttagaga atatgataaa aattgatctt gtctgg 716

<210> 1318
<211> 515
<212> DNA
<213> Homo sapien

<400> 1318
aaagctgtat catgttgagt aaacctgacc tgagccagcg gtttaaggcg attttgctcg 60
atgaaggtca agacgtgaac ccggtcattg ccgacttggt aaggatacag cgcatctgca 120
aagtaaccgt cggcgaccct caccagcaga tttaccgttt ccgtggtgcc gaagacgctc 180
tcaacagcga ttggatggcc gatgcagagc gtcactacct gacccagagc tttcgcttcg 240
gtccagcagt cgcgcatgtg gctaacatca tacttttttta caagggtgaa actcgaaagc 300
tgcaagggtt aggccccaaa acccaggtta aacgtgcgct tcctgaagac ctaccgcatc 360
gcacatacat ccatcgcacg gttaccggcg tcatagagaa cgcgcttagc ttggtagcga 420
gcaatccaaa gatctattgg gtaggtggca tcgacagtta ttcattgcgc gacctggaag 480
acttgtatct gttcagccgc aaccaaaacc aagcc 515

<210> 1319
<211> 141
<212> DNA
<213> Homo sapien

<400> 1319
aaatttagtg tctcatttgg aaataaactc tgggcctatt agttgttgag tatttttttt 60
ttttactacc taaaaaaaga tttgttaaga gctgaattac aacttagcat tacataatat 120
aaaacactgt aatgtgtatt t 141

<210> 1320
<211> 497
<212> DNA
<213> Homo sapien

<400> 1320
aaattcagtc ctaagaaaga ggagtgcttg tcccctaagg gtgtttaatg gcaaggcagc 60
cctgtctgaa ggacacttcc tgcctaaggg agagtggtat ttgcagacta gaattctagt 120
gctgctgaag atgaatcaat gggaaatact actcctgtaa ttcctacctc cctgcaacca 180
actacaacca agctctctgc atctactccc aagtatgggg ttcaagagag taatgggttt 240
catatttctt atcaccacag taagttccta ctaggcaaaa tgagagggca gtgtttcctt 300
tttggtactt attactgcta agtatttccc agcacatgaa accttatttt ttcccaaagc 360
cagaaccaga tgagtaaagg agtaagaacc ttgcctgaac atccttcctt cccacccatc 420
gctgtgtgtt agttcccaac atcgaatgtg tacaacttaa gttggtcctt tacactcagg 480
ctttcactat ttcctttt 497

<210> 1321
<211> 344
<212> DNA
<213> Homo sapien

<400> 1321
ctgtccaatg acaacaggac cctcactcta ctcagtgtca caaggaatga tgtaggaccc 60
tatgagtgtg gaatccagaa cgaattaagt gttgaccaca gcgacccagt catcctgaat 120
gtcctctatg gcccagacga ccccaccatt tccccctcat acacctatta ccgtccaggg 180
gtgaacctca gcctctcctg ccatgcagcc tctaacccac ctgcacagta ttcttggctg 240
attgatggga acatccagca acacacacaa gagctcttta tctccaacat cactgagaag 300
aacagcggac tctatacctg ccaggccaat aactcagcca gtgg 344

<210> 1322
<211> 110
<212> DNA
<213> Homo sapien

<400> 1322
ccaccacata gccagccagg aatcccttga ggaacgggga ggacaacagc gagccacccct 60
ggcccactcc actgttgact tcgtcttcta cacgccgctg caggctttcc 110

<210> 1323
<211> 359
<212> DNA
<213> Homo sapien

<400> 1323
ccacgctgct ggcctgggct ggcgtctcct gctgtgagct ggctgaggag gacttcctgg 60
cggtctcccc cttagatccg cgctatcgtg aggtccacta tgtcctgctg gatccttcct 120
gcagtggctc gggtgagatg gtgagaaggc gtggctgagg gactcagagg tccacagcag 180
cttagacctg gagtcatctg ttttggtctt agttctgaca ctttaatggg cttgggaccc 240
tggagcaaaa gttctcctct gtgaagcgag gatttcagga gcgaggattt caggactgag 300

gcagcctgtg aagctgtgta accgagacac gcttttcctt aggtatgccg agcagacag 359

<210> 1324
<211> 258
<212> DNA
<213> Homo sapien

<400> 1324
caatcacaca accacaaaaa agatactgtg tgctctcact ttccaaaatt ctgcctggtc 60
tmctcctgag gaaagyagtg atatggtagc tggtgtggat cccctaaagg aattataaga 120
tggartgyga rgaacattat cttagactat aakactgkct gcatrcrgat atgktstcra 180
agattattcc tgctgcraat aaagakmttg skaaagagca rtatasagct atcacagtct 240
attgacccam asatgttt 258

<210> 1325
<211> 534
<212> DNA
<213> Homo sapien

<400> 1325
ctgtccaatg gcaacaggac cctcactcta ttcaatgtca caagaaatga cacagcaagc 60
tacaaatgtg aaacccagaa cccagtgagt gccaggcgca gtgattcagt catcctgaat 120
gtcctctatg gcccggatgc cccccaccatt tcccctctaa acacatctta cagatcaggg 180
gaaaatctga acctctcctg ccacgcagcc tctaacccac ctgcacagta ctcttggttt 240
gtcaatggga ctttccagca atccacccaa gagctcttta tccccaacat cactgtgaat 300
aatagtggat cctatacgtg ccaagcccat aactcagaca ctggcctcaa taggaccaca 360
gtcacgacga tcacagtcta tgcagagcca cccaaaccct tcatcaccag caacaactcc 420
aaccccgtgg aggatgagga tgctgtagcc ttaacctgtg aacctgagat tcagaacaca 480
acctacctgt ggtgggtaaa taatcagagc ctcccggtca gtcccaggct gcag 534

<210> 1326
<211> 177
<212> DNA
<213> Homo sapien

<400> 1326
ctgcattatg tgtgtttaga acgagaagtt gtttgtacag tatttttcta ttgaccgctt 60
ccgtcttgcc tgaaacctgg gcattctttc caatagacag aaaatcagag agtcaaatct 120
gatgcgcaat gagttgttct gagaccagta atccacggtg ctgcaatttg ggtttt 177

<210> 1327
<211> 266
<212> DNA
<213> Homo sapien

<400> 1327
aaacttgttt tatctaatac tgagcactgt ttttttgtca agtatttttt taagaccaca 60
taattctttt tgtctgctca aggaaaggat agataaataa ttggcacaca tttgtttctc 120
actgaatttt acagtagtaa attaatgtta taatgtacca catggagatg agttggtaag 180
aaatcatcta gttccagagc ccagggatta taaacagtag gtgaaataga tttatgactt 240
acgaaatatg ttgtgacaat atattt 266

<210> 1328
<211> 409

<212> DNA
<213> Homo sapien

<400> 1328
ctgtccaatg gcaacaggac cctcactcta ttcaatgtca caagaaatga cgcaagagcc 60
tatgtatgtg gaatccagaa ctcagtgagt gcaaaccgca gtgacccagt caccctggat 120
gtcctctatg ggccggacac ccccatcatt tccccccccag actcgtctta cctttcggga 180
gcgaacctca acctctcctg ccactcggcc tctaacccat ccccgcagta ttcttggcgt 240
atcaatggga taccgcagca acacacacaa gttctcttta tcgccaaaat cacgccaaat 300
aataacggga cctatgcctg ttttgtctct aacttggcta ctggccgcaa taatcccata 360
gtcaagagca tcacagtctc tgcatctgga acttctcctg gtctctcag 409

<210> 1329
<211> 136
<212> DNA
<213> Homo sapien

<400> 1329
ccattttcgc acagtccacc ataaaattga aaagattgac cagagacaga tcatggaggg 60
cttggcaatc tgtactgatg aagccatgga ccagaagaga agtgagtcaa tgaagagagt 120
ttctcttttc acatgg 136

<210> 1330
<211> 311
<212> DNA
<213> Homo sapien

<400> 1330
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gcccttcacc aacagaagga agacagtggc gccaccacaa gtggcagggc acaggggctt 120
ctgtgacaac aatatgtcct tctagtatac attcattgca aaggctgccc tgaagtttcg 180
tttttggaaa taactgttat catacatttt gtatgatgtt gcttgtgggc accatgaaga 240
gagcctggct gtaaaggaca gagggagcta aaccaacaat gcatggccct gcgtgcccac 300
aagagggagc c 311

<210> 1331
<211> 613
<212> DNA
<213> Homo sapien

<400> 1331
ctgggccakg agctgtgccc ggtgcctgca gccttcataa gcacacacgt ccattcccta 60
ctaaggccca gacctcctgg tatctgcccc gggctccctc atcccacctc catccggagt 120
tgcccaagat gcatgtccag cataggcagg attgctcggt ggtgagaagg ttaggtccgg 180
ctcagactga ataagaagag ataaaatttg ccttaaaact tacctggcag tggctttgct 240
gcacggtctg aaaccacctg ttcccaccct cttgaccgaa atttccttgt gacacagaga 300
agggcaaagg tctgagccca gagttgacgg agggagtatt tcagggttca cttcaggggc 360
tcccaaagcg acaagatcgt tagggagaga ggcccagggt ggggactggg aatttaagga 420
gagctgggaa cggatccctt aggttcagga agcttctgtg caagctgcga ggatggcttg 480
ggccgaaggg ttgctctgcc cgccgcgcta gctgtgagct gagcaaagcc ctgggctcac 540
agcaccccaa aagcctgtgg cttcagtcct gcgtctgcac cacacaatca aaaggatcgt 600
tttgttttgt ttt 613

<210> 1332

<211> 591
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 1332
ctgagttaan atggtaaagc caatattatt ttaggaggaa agaggacgaa ggccaatgaa 60
ccaacatctg cctgctatct ggtgcatcac ccaaggtgac caatggctgg gcacaaataa 120
acttctcttt tgctagccac agagttgctc actgtggcaa gcctgagctg gtcagaacac 180
ctgtgtgtgt gttcctgata cacactaacc acaataagca agtctgcaca catctctatg 240
agccccatgc aaagacaaga cattcccaaa gatcagtcac tagagtgcaa caacgaaatt 300
caagatttga ccaaaacaga ccctgctgcc tcctaaattg ccaattgcct ctcaaaaact 360
tacagaaaaa gggacattat aagaattcat agagggagag aagaaaaagc tgctactcct 420
agtcattagt acaatgtgct gtgttaatta gatacctcta tataaattag aaaaagtgct 480
ttacttgcat gcttcaataa aatgaatact gagtgtcgta gtgttagatc tgtacagata 540
taaatttttt gcagctatat aaaagtgtat aagatgggct tttgcatttt a 591

<210> 1333
<211> 379
<212> DNA
<213> Homo sapien

<400> 1333
ctggtacaaa ggcgaaagag tggatggcaa cagtctaatt gtaggatatg taataggaac 60
tcaacaagct accccagggc ccgcatgcag tggtcgagag acaatatacc ccaatgcatc 120
cctgctgatc cagaacgtca cccagaatga cacaggattc tataccctac aagtcataaa 180
gtcagatctt gtgaatgaag aagcaaccgg acagttccat gtatacccgg agctgcccaa 240
gccctccatc tccagcaaca actccaaccc cgtggaggac aaggatgctg tggccttcac 300
ctgtgaacct gaggctcaga acacaaccta cctgtggtgg gtaaatggtc agagcctccc 360
agtcagtccc aggctgcag 379

<210> 1334
<211> 384
<212> DNA
<213> Homo sapien

<400> 1334
aaaccatttg tacaaaactt ctataaattt ttctctctct ttctctctta tgtacaaaaa 60
tatcttaata tatccccgaa ctggttagga tagatacaaa tagattttttt ataataaaaa 120
attcacaaaa gattggaagc attctataat gaaaatggta gaaaagacag tgtgagggaa 180
gccatggggt ttgggaatcg ggccctggag gagaagcaga gtttcaaagg gctgagaata 240
gcatagtttc actgtaaacc aatgtctaca gcttattggg gtgggggcta ctgagacgaa 300
agacaccaac tcgtttctag agggctaaga actgcacttt aagaaagggc ggggaggtga 360
agggacccga gcaagaactt tcag 384

<210> 1335
<211> 555
<212> DNA
<213> Homo sapien

<400> 1335
aaattagttg ctataaattc atcaatactt tttttcccta ttatattttt ggttctatta 60
ggatttactt aactgaatct tataacaatt cgaggtgaac tgtggcaatg aaaaccagaa 120
acagttaatg agatgcttca gctcacagtt tgaagtgctg agaacctaag tattttgctg 180
tacggtactg agctgtacca aaatatgatg gtttaggttt atgtgcaaga ctttgtgttg 240
tagtctagac aaaggggtgg gcaagagaca tgcaaagctg aagccctgct tgaaaagacc 300
cttcaaggaa gtaaaatggc aggggcagag tgcagcttaa catgttgcta tccctgttgt 360
ttttgagttg gttttggaat ggattcaagt tcttacacaa tttattttga atacaagcat 420
aatctaggtg atttgagtta atgaacttct tttcatgatg tagggaaagc tgaatgtata 480
tatttctaag aagaatttgt ttagcagatt acaagttggc aaaatagact gttcacagaa 540
actaggcaaa aattt 555

<210> 1336
<211> 505
<212> DNA
<213> Homo sapien

<400> 1336
cctggaaaga agcccagcaa aaggttccag atgaagaaga aaatgaagag agtgacaacg 60
aaaaggaaac tgaaaagagt gactccgtaa cagattctgg accaaccttc aactatcttc 120
ttgatatgcc cctttggtat ttaaccaagg aaaagaaaga tgaactctgc aggctaagaa 180
atgaaaaaga acaagagctg gacacattaa aaagaaagag tccatcagat ttgtggaaag 240
aagacttggc tacatttatt gaagaattgg aggctgttga agccaaggaa aaacaagatg 300
aacaagtcgg acttcctggg aaagggggga aggccaaggg gaaaaaaaca caaatggctg 360
aagttttgcc ttctccgcgt ggtcaaagag tcattccacg aataaccata gaaatgaaag 420
cagaggcaga aargaaaaat aaaaagaaaa ttaagaatga aaatactgaa ggaagccctc 480
aagaagatgg tgtggaacta gaagg 505

<210> 1337
<211> 385
<212> DNA
<213> Homo sapien

<400> 1337
ctggtgctag tcagagctaa tgacagaatt tcagtttaat aaaaagaccc ccaactgagc 60
acaccatctt gaaaaaagta tacttatcaa acagctttca atcagttcaa gagagacacc 120
ttaattgggg agaggaagaa ttgcagagta gtttgtaatc atgccaattc cagatcaata 180
actgcatgtc tgttctttgg tagaaatagc ttttgcttta tattaagtaa tcacatatat 240
attctctcta tttggataag gaaaccttcg ctttatttga caatgtataa tgatatactc 300
ttctaattca cctctgtgtc ttcacaataa acatgagtaa aatttagaca agtgatggta 360
aaggtcaata taattattta ttttt 385

<210> 1338
<211> 350
<212> DNA
<213> Homo sapien

<400> 1338
aaaggtgata ttacacaaaa cctcgtcttt tgttcaactt tggatccatt ggcaattcaa 60
tggcctcaat ctccccaaac tcgccaaagt actccctgat cttttcctca gtggcttcag 120
gattcagacc cccaacgaag attttcttca ccgggtcctt cttcatagcc atggcctttt 180
tagggtcaat gacacggcca tccagcctgt gctccttctg gtctaggacc ttctccacac 240
tggctgcatc tttgaacagg ataaacccaa accctcttga ccgtccagtg ttgggatcca 300
tttttattgt acagtcaacg acctctccaa atttagtaaa atagtctttt 350

<210> 1339
<211> 443
<212> DNA
<213> Homo sapien

<400> 1339
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cctgagtaat catatcagga tgcatgttaa gctgataaaa caataagatc ccaaaatgca 120
gtagctcaaa aaaagtagaa gttaatttat ctcctggggg acagctctgg ttctcaaatt 180
ttacaggctc agaatcacct gcagggcttg tgaaagtaca gattgctgcg ctccgccccc 240
agagtttctg atttagtagg tgttaggctg aaccaagaat ttgcctttct aacaagctcc 300
caagtgatgc tgatgacttg taggaatgga tttacttcta ggattagact tcagctcact 360
ctgtttgctg aactctttct aatatttctt aagttggtag actcyctgct ccaggttctc 420
aacgtgaagg aaggaacccc cag 443

<210> 1340
<211> 273
<212> DNA
<213> Homo sapien

<400> 1340
cctcaggaac aggtaggggc agcagaatag aatagcatcc atttcccaga gaaagactgc 60
ctttacatkt cccatgcttt tagcacaaag cagcgtctgg gccactgtta ccagaggtga 120
gtttatacat ttacaaaatg cttaaaatct ttgggaagca agaggaagct aaacagaagg 180
tcccatgtta actgaaggca aattcactca acctctctag taagggaccc atgggcctac 240
agagtgttcc ctctacaatg tgcagagtgg aaa 273

<210> 1341
<211> 561
<212> DNA
<213> Homo sapien

<400> 1341
ccatgggccc ggtcacgaac aaaacgggcc tggacgcctc gcccctggcc gcagatacct 60
cctactacca gggggtgtac tcccggccca ttatgaactc ctcttaagaa gacgacggct 120
tcaggcccgg ctaactctgg caccccggat cgaggacaag tgagagagca agtgggggtc 180
gagactttgg ggagacggtg ttgcagagac gcaagggaga agaaatccat aacaccccca 240
ccccaacacc gccaagacag cagtcttcyt cacccgctgc agccgttccg tcccaaacag 300
agggccacac agatacccca cgttctatat aaggaggaaa acgggaaaga atataaagtt 360
aaaaaaaagc ctccggtttc cactactgtg tagactcctg cttcttcaag cacctgcaga 420
ttctgatttt tttgttgttg ttgttctcct ccattgctgt tgttgcaggg aagtcttact 480
taaaaaaaaa aaaaaatttt gtgagtgact cggtgtaaaa ccatgtagtt ttaacagaac 540
cagagggttg tactattgtt t 561

<210> 1342
<211> 159
<212> DNA
<213> Homo sapien

<400> 1342
aaagatggca aggcaataaa tgtgttcgta agtgccaacc gactaattca tcaaaccaac 60
ttaatacttc agaccttcaa aactgtggcc tgaaagttgt atatgttaag agatgtactt 120
ctcagtggca gtattgaact gcctttatct gtaaatttt 159

<210> 1343
<211> 76
<212> DNA
<213> Homo sapien

<400> 1343
aaaatgtaaa gccaatctat caccaaaaat ggcataaatg taaacacaag ctaattttat 60
aatccactgc tatttt 76

<210> 1344
<211> 726
<212> DNA
<213> Homo sapien

<400> 1344
caaaagcagc ctgaatacgc aactcacgcc aagagggcag cagctctcct gacatccatg 60
taagaaggct aacacctaaa ccacacgcag gcatcctgaa ctcagcagct ctgatccaag 120
gtactgagtg gagacaaagc actcggaggt ggcaagatgt tcagcaacca agtaagacac 180
actggcaagg catcccaccc aaaggtgaga agcacaaagc aggcttggag aaacaaacag 240
tcatgccagg tgcagccaga catcctgcta taagccctga ccctagtacc ccgagttcat 300
caagtgctct ggttttgtgt ccataaagca cagagggcac tgaccacccc aaaccagaat 360
cccaaggaat ccttatggat ggcatagggc ctcagaactg ctgcaggatc attttccttt 420
tcaggtcgtg gctgaacttg ttcatcctga agagctcact gtcataaaat gcagagaggt 480
tgtggatgtt gatctgacga gccttatcca ccaagtcctt mtcagggacc tcaatagtgt 540
cctgctgggc cccaaagcgg ttgcgctgat atgtcacstg ctctgccact aactgcttca 600
gtatgaagag caacagctca ttgttgtcac gccggaatga aaggtagcgg gcaaaagtct 660
tgcgcatgct gcgcatgacg ctgaacttct gtgtgtctat gaagstctcc akmatcayga 720
gratgg 726

<210> 1345
<211> 742
<212> DNA
<213> Homo sapien

<400> 1345
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ttgagggcag gctgatgttt cctgaatggg cccctggttg ttgcttgtcc ctgactctcc 120
atttccccat ctgagtggat ttggacctaa tagggcactg gagctggttc gaatcctgac 180
tggactactt ggcaacttta tgtctgggag caagttactt aacctcccca agcctgtgtc 240
tgtgaaatgc gggtaaatga atgtagatgt ttggcagcag ctactccttg ttgagctctc 300
acagtgaact ctcctgcctc tgccctcctt ccccgcctcc cctggtgcct agcgtcaggt 360
ctagccactt cctcctgggc ccctctccct tttctgtggc tggctgcctg cccgcctggc 420
gctggacctt tcatgtaacg ggaatcagca tgtatattct ggtctggtct gtttctacac 480
ttaattttgt ttccagtagt atttccctgt accggcagag ttcacaaaca catttgaaga 540
ggctttttct caggattctt aaccttccaa aggaagtccc atggatgggt ttctagaagt 600
ctataaatgc tctgaaattg tatttttctg tggaaaagca taacttttat ctgcttggtc 660
gtgctcaaaa aaagatcatg aatggaatga attgcattga attttatgcc attgggggct 720
taatactaaa aggatatgga ag 742

<210> 1346
<211> 573
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 1346
aaatgcattk ttaacttaca gtattttcaa cttacgatgt gtttatcasg aagtaacccc 60
atcataagca gaggagcatc tgtattgcgt aatttgactg gcacagttta ttaggttctg 120
ttcagtgwtt tccgtcaaca agatgtttat tgtgtgagta aacaagttaa gccctgtgac 180
aagctgaata agaatagtct ctcctcagca gcttatagta aacaagggta gtaatcctta 240
cattagtggc tagactatca aacgaaatat ataacatgta agaacactaa agacagaatt 300
actgtggcat agagatagtt agaattgctt cagcctaaga gatgaattag gtaatgcaag 360
gaggtgaata tgttggcctg caatatgaac aaggcagaga gctgggagag taagatgtaa 420
gttgctaagg agggatgtgt cttgagtttg gaaaccataa agggaaatca taggtaatgc 480
tagagtcact gatcttangg agccttgaat aacggtgatg actaagggaa tctttatttt 540
ggngggacta ttggaattaa attggccaga att 573

<210> 1347
<211> 333
<212> DNA
<213> Homo sapien

<400> 1347
cctggtttct ggtggcctct atgaatccca tgtagggtgc agaccgtact ccatccctcc 60
ctgtgagcac cacgtcaacg gctcccggcc cccatgcacg ggggagggag ataccccaa 120
gtgtagcaag atctgtgagc ctggctacag cccgacctac aaacaggaca agcactacgg 180
atacaattcc tacagcgtct ccaatagcga gaaggacatc atggccgaga tctacaaaaa 240
cggccccgtg gagggagctt tctctgtgta ttcggacttc ctgctctaca agtcaggagt 300
gtaccaacac gtcaccggag agatgatggg tgg 333

<210> 1348
<211> 185
<212> DNA
<213> Homo sapien

<400> 1348
aaaaaagctt gcagcaagaa aatgccagtg tgcaactggg tgactaaaga ccaaagaaaa 60
acagttaaaa gggacagctt acttgctctc tgtctcaggt ttaacttctc acctgaaatc 120
tctcatagcc ctaattaaac acaaacaaaa gtctcttcca tagataggct acttctcagc 180
ttcag 185

<210> 1349
<211> 171
<212> DNA
<213> Homo sapien

<400> 1349
gcggcagcga ggggctcgga gaggtgctcg gattctcgta gctgtgccgg gacttaacca 60
ccaccatgtc gagcaaaaga acaaagacca agaccaagaa gcgccctcag cgtgcaacat 120
ccaatgtgtt tgctatgttt gaccagtcac agattcagga gttcaaagag g 171

<210> 1350
<211> 400

<212> DNA
<213> Homo sapien

<400> 1350
ttgtcatatc atatctatgt cacctgtgta ttctgagatt acacacatac ctgccaatat 60
acctgggaaa ggttatttta tcacagttac acttgagttc ttggcaggca ggactgagga 120
agagtaattt gaaagaagtt ttacatccta tttagaagaa atcactagta tttccttaaa 180
taacaggtta caatagaaag atactgcctg gaagttatcc tttcactttg gttcattttt 240
agtttttctt tatgatttac atagctgttt aattcatttg cttatagtac aatcctgcca 300
taaagtatta aagcacaaga tacctattat tccttcaaca tctgcatttt tcaagtttta 360
tactctacat ccacagtacg tcagcagttc ttgaatgttt 400

<210> 1351
<211> 309
<212> DNA
<213> Homo sapien

<400> 1351
ccaggaaagg gcagtcctga gggagaagac aggattcagg gcagtgctcc gaagctgtgt 60
gctcacctgg ttggctcatc aaacctggca accctgtggc ctgtctgccg gagctgactg 120
gatccactca tcaattcttc gtccccacta ctaagactgg gcatgttttg ctggtgtggt 180
ctctgcactt caggaatggt cacaacaggg ggtagccctc aaaagcactc ctttttctat 240
acctcttctc aaggccatgt aagttgccca tctctacctg gctgtggaca aaaggttatc 300
tgctcttgg 309

<210> 1352
<211> 268
<212> DNA
<213> Homo sapien

<400> 1352
ccacttcatc tgtgtgggaa cgtggtcagg ccgggtgctg gtgtttgaca tcccagcaaa 60
gggtcccaac attgtactga gcgaggagct ggctgggcac cagatgccaa tcacagacat 120
tgccaccgag cctgcccagg gacaggattg tgtggctgac atggtgacgg cagatgactc 180
aggcttgctg tgtgtctggc ggtcagggcc agaattcaca ttattgaccc gcattccagg 240
atttggagtt ccgtgcccct ctgtgcag 268

<210> 1353
<211> 620
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 1353
cctgagtaat tattccatca tagacaaact tgtgaatata gtggatgacc ttgtggagtg 60
cgtgaaagaa aactcatcta aggatctaaa aaaatcattc aagagcccag agcccaggct 120
ctttactcct gaagaattct ttagaatttt taatagatcc attgatgcct tcaaggactt 180
tgtagtggca tctgaaacta gtgattgtgt ggtttcttca acattaagtc ctgagaaaga 240
ttccagagtc agtgtcacaa aaccatttat gttacccccc gttgcagcca gctcccttag 300
gaatgacagc agtagcagta ataggaaggc caaaaatctc cctggagact ccagcctaca 360

ctgggcagcc atggcattgc cagcattgtt ttctcttata attggctttg cttttggagc 420
cttatactgg aagaagagac agccaagtct tacaagggca gttgaaaata tacaaattaa 480
tgaagaggat aatgagataa gtatgttgca agagaaagag agagagtttc aagaagtgta 540
attgnggctt gtatcaacac tgttactttc gtacattggc tgggaacagt catgtttgct 600
ttcataaatg aagcagcttt 620

<210> 1354
<211> 398
<212> DNA
<213> Homo sapien

<400> 1354
aaaggattat ttttatgcaa agtattctgt ttcagcaagt gcaaatttta ttctaagttt 60
cagagctcta tatttaattt aggtcaaatg ctttccaaaa agtaatctaa taaatccatt 120
ctagaaaaat atatctaaag tattgcttta gaatagttgt tccactttct gctgcagtat 180
tgctttgcca tcttctgctc tcagcaaagc tgatagtcta tgtcaattaa ataccctatg 240
ttatgtaaat agttatttta tcctgtggtg catgtttggg caaatatata tatagcctga 300
taaacaactt ctattaaatc aaatatgtac cacagtgtat gtgtcttttg caagcttcca 360
acagggatgt atcctgtatc attcattaaa catagttt 398

<210> 1355
<211> 371
<212> DNA
<213> Homo sapien

<400> 1355
ctggytcctc agtgggaact gagtcattac ctgctaaagg gtagaagagg agagagagag 60
gccagagcct ggggatgggg cagaaggtgc agcaggaagg aaggttagag tgagaaaaat 120
ttccaaataa ggggtgatgt gtgagtgctc agagggtgac tgaggacatc tccagcattt 180
ccattgagga gggaggaagg aggggcccctt gggttctggg gcagatgccg gcagggtctg 240
gatgagatgc ccccaacctc aaccctggtc ctctgaaaac acttcaccca gtcacactga 300
ggagcccctc caggcccagg ggcccctcca ggtaggcgta tctcagctcc tctctggaag 360
gaccccccaca g 371

<210> 1356
<211> 338
<212> DNA
<213> Homo sapien

<400> 1356
gcggcgcggg cggcggtaaa atgtcggttc caggacctta ccaggcggcc actgggcctt 60
cctcagcacc atccgcacct ccatcctatg aagagacagt ggctgttaac agttattacc 120
ccacacctcc agctcccatg cctgggccaa ctacggggct tgtgacgggg cctgatggga 180
agggcatgaa tcctccttcg tattataccc agccagcgcc catccccaat aacaatccaa 240
ttaccgtgca gacggtctac gtgcagcacc ccatcacctt tttggaccgc cctatccaaa 300
tgtgttgtcc ttcctgcaac aagatgatcg tgagtcag 338

<210> 1357
<211> 159
<212> DNA
<213> Homo sapien

<400> 1357
ctgggctgct gcctctggag tacttccccg cagctcctca ttgctcacat agtaggcaat 60

ggcgttgctc tcaaacacac agaatccatc atcaccctca aatgctggga ccttgccggc 120
aggaaatttg cggagaaatt caggggtgcg gttggtttg 159

<210> 1358
<211> 306
<212> DNA
<213> Homo sapien

<400> 1358
cctgtcagag tggcactggt agaagttcca ggaaccctga actgtaaggg ttcttcatca 60
gtgccaacag gatgacatga aatgatgtac tcagaagtgt cctggaatgg ggcccatgag 120
atggttgtct gagagagagc ttcttgtcct gtctttttcc ttccaatcag gggctcgctc 180
ttctgattat tcttcagggc aatgacataa attgtatatt cggttcccgg ttccaggcca 240
gtaatagtag cctctgtgac accagggcgg ggccgaggga ccacttctct gggaggagac 300
ccaggc 306

<210> 1359
<211> 382
<212> DNA
<213> Homo sapien

<400> 1359
agagggagtc cagcccccaa gccttgtgag gcactgttar gcagataggg aaaagagggg 60
tccttagatc actggttcaa ggagggatct ggtaggggca gcatttcttc tgggctggaa 120
acagaatggg ggtttcaaga tggcagaacc attccattat tggagctata agcccctaga 180
attgctccat ggcctatctc ggtttccctt ggatctcatc tgctcctgaa ctgcacctgt 240
catggcaagt ccatctccgg cccccatctc ccctgagcca atgtgagtca ggtgaacaaa 300
attcattggt tccccaatca tggtccggtc aatccgtctt ctcttcttct ttcttctcca 360
ccatccagac gttcagctac ag 382

<210> 1360
<211> 365
<212> DNA
<213> Homo sapien

<400> 1360
aaaaaacctt tcaaaataaa acttagtaaa atctagaact gkttcttggc ctacttgaga 60
ggaacttcca tattttcaca gccatctccg aaagcagcag ttgctgtaaa ttaactgaga 120
cttggaaatg gtgcagactg tcttggtaga gctgttctta tagcacaatt ttatctggaa 180
aataaacttg taaatgcgtg ctgtatatta atacatgtgt gcccatattt atttttatta 240
tctcctgcca gtctttgctc aatgggagat gacagaccaa cttctcaacg tgatttcccc 300
atttcattga atgacattta tatgccactt atgaaaaaaa tactgctgtg aaagaaatgt 360
acttt 365

<210> 1361
<211> 502
<212> DNA
<213> Homo sapien

<400> 1361
gaggtatgga aaaatatcaa caaggaaata ttagatttga actgctgctt cgttagcaca 60
cagcacattc tccaggatat accatatgtt aggacacaaa acgggtctca ataaattttt 120
aaaagtcaaa atcttatcaa gtatcttctc agaccacaat ggaataaaac tggaaatcaa 180
taacaagagg aacttctgaa attgaacaga tacacggaaa tcaaactaca tgttcctgaa 240

tgaccactgt gtctatgaag aaattgattt taaaatttta aaaattcttt gaaacaaatg 300
aaaatagaaa cacagcatac aaaaatgtat agggtacaac aaaagaagtg ctatgaggga 360
catttatttc aataaacacc cacatcaata aggtagaaag tttttaaaca aataacctaa 420
taaacgcatc tcaaggaact agaaaagcaa gaacaaatca aacctaaaat tagaaggaaa 480
taaatagtaa agatcagagc ag 502

<210> 1362
<211> 545
<212> DNA
<213> Homo sapien

<400> 1362
ctgattggat gtctaggaat gactgaaaga aaccaaaaca gcctgtccac tgctgctgtg 60
ggatggagga ggcgtaagca gaaacactaa cagtatactg acctcttagc agaaccgctt 120
ccattctgga gatcacggct gctaaatcca gcatccccac ttcattttac ccccagcata 180
ttgttctgta gtcttttctt gaaacatctt gattgctttt cctcggcagc tttcaaaaaa 240
ccaaataata atagttatcc gtcttctact tcatggaaga ttgttttggt gccctgaccc 300
tctgaagtgc ccagttcctg ccatctgaaa cctcggcctg atctgatctc atgttggaat 360
ctgcctgtct ttcacacagg gctggtcttg gtcctttaca tgccagtttt gcttgtgaat 420
tcttgctttt ttcctctcat cagccttaag tttaggcgtt tgttgttctc cagtgatgta 480
gacagttccc ttcacaagtc acagttcttc ccataaatga ggcccgctga cctctgcggg 540
acttt 545

<210> 1363
<211> 286
<212> DNA
<213> Homo sapien

<400> 1363
gggagatgca ggatgtagac ctcgctgagg tgaagccttt ggtggagaaa ggggagacca 60
tcaccggcct cctgcaagag tttgatgtcc aggagcagga catcgagact ttacatggct 120
ctgttcacgt cacgctgtgt gggactccca agggaaaccg gcctgtcatc ctcacctacc 180
atgacatcgg catgaaccac aaaacctgct acaacccccct cttcaactac gaggacatgc 240
aggagatcac ccagcacttt gccgtctgcc acgtggacgc ccctgg 286

<210> 1364
<211> 503
<212> DNA
<213> Homo sapien

<400> 1364
ccatcaggat catgaaaaca aactttggtg aatgtgagca actgcgccag acaggacaca 60
ggttacaggg cctgacgtca ctaacggtaa ctgacaatct tggaatggac cctactgctg 120
atgtttcaaa aggacacaga ggtgaactgg tcacttctaa ttaagaagag ccagtggggt 180
gggggaagct gaaaaccaaa aatccacgta gacatacgtg gcagtgtgaa cgtctgtcct 240
ccccttcctt ctcctcactt cctctcctcc tcctcactca ggctggtatt ctcctggtgt 300
gcggatgtca gcttgccctg cagaagggct gccagttttt tagatgtctt tttgagaaac 360
gagctgcccg gatgggcact gttcacgtgc aggtacaggt cctcctgggt ggggcccgtg 420
tagccgcaat cctcgcagac gtagagcttg tcccgccgct gcttataggc atactgctgc 480
tgcaccccat ggattttctt cag 503

<210> 1365
<211> 245
<212> DNA

<213> Homo sapien

<400> 1365
ctgggcggct ccacgctcat ccagtgggcc taggttctga ctgaccagcg aacaaaaact 60
gtgacagaga tctaggattt cattcaggca gtgaaacacc tacccgggaa acagagttgg 120
cattaggaaa ggaaggaagg tacatccatg aagttaaagt gttaggagaa cagtctgatt 180
aatagctgat ctaattaata gctgacctcc caaatctgac aggatagaca ctgccacgtg 240
caagg 245

<210> 1366
<211> 131
<212> DNA
<213> Homo sapien

<400> 1366
aaaatcccca taaatctttt ctgtcctgag gtagttgcaa aataaatcat aacttggata 60
tcaactagag ctgaggcttt gactttttac tcattaaaac tagttgttac aggaactacc 120
tttagatatt t 131

<210> 1367
<211> 430
<212> DNA
<213> Homo sapien

<400> 1367
ctgtgcagtt atatgaccat aaaggaaatg aaccattaaa aatggatcta cagccatata 60
ttctgccgtt actcagaggc ttaatgattt attttccccc tccagccctg cctttaccag 120
gttaaatgac agaagacctt ctattgtacc tattgttcaa aaaatattac tgttctgtgg 180
aacctgggag agtccaattg ataagagaaa ctgaatcata ctgatgaggt gaaggatagg 240
tctgccggtg tggggcaggg cactctttct cagcagccaa gataacttat cacacacgaa 300
gcagagagaa tgcacccgat gaaaatctct ctgaactgtg ttccttgaag gatctcttaa 360
aaaaaaaaaa tctgaaacat catccattga acaaatgaaa ggcttatacc tttaccatga 420
agaaacattt 430

<210> 1368
<211> 294
<212> DNA
<213> Homo sapien

<400> 1368
ctgggcggat agcaccgggc atattttgga atggatgagg tctggcaccc tgagcagtcc 60
agcgaggact tggtcttagt tgagcaattt ggctaggagg atagtatgca gcacggttct 120
gagtctgtgg gatagctgcc atgaagtaac ctgaaggagg tgctggctgg taggggttga 180
ttacagggtt gggaacagct cgtacacttg ccattctctg catatactgg ttagtgaggt 240
gagcctggcg ctcttctttg cgctgagcta aagctacata caatggcttt gtgg 294

<210> 1369
<211> 429
<212> DNA
<213> Homo sapien

<400> 1369
ctgaaggcaa tgggggactg aggaaggagg cagcagaagt aggagaggag caagaatcca 60
gaagggaaat gagaacgaca aaactgaagt gcacttcaac atcctgcagc caaaggggta 120

aaaaggagaa agaagtgcag accagtcaca taaatgccac agtgacatgc acaaaaacgt 180
gaggggcaca ctccagggac agagtctgac aacatgacaa gctacatggc atcaaactct 240
ttcatgtgac aggcagcttt tcacatgtgc atcttaagac tggaacttgc tatagataaa 300
ccttaagtag ttaataaaag caaaagtcat cctctattca ctgtttgctg ccatgttcca 360
ggcatagtac ttggcacttt ttattttatt tcacttgatc agctcagaaa gtcctccaaa 420
tgagtattt 429

<210> 1370
<211> 540
<212> DNA
<213> Homo sapien

<400> 1370
ccactcccag gatgctgggt ctcgcttgct ggctgggacc ccggagccgt cagtccacgc 60
actcccggat gcactcaaca acctaaggac gcaggagggt tccggggatg gtccgagctc 120
gtccgtagat tggaatcgcc ctgaagatgt agaccctcaa gggatttatg tcatatctgc 180
tccttccatc tacgctcggg aggtagcgac gccccttttc cccccgctac acactgggcg 240
cgctgggcag aggcagcacc tgcttttttcc ctacccttcc tcgattctgt ccgtgaaatg 300
aattgggtag agtctctgga aggttttaag cccattttca gttctaactt actttcatcc 360
tattttgcat ccctcttatc gttttgagct acctgccatc ttctctttga aaaacctatg 420
ggcttgagga ggtcacgatg ccgactccgc cagagctttt ccactgattg tactcagcgg 480
ggaggcaggg gaggcagagg ggcagcctct ctaatgcttc ctactcattt tgtttctagg 540

<210> 1371
<211> 142
<212> DNA
<213> Homo sapien

<400> 1371
ttaaaatggt agcacaagag tctggcaagt tggtactgca gagaaaaggg gttaattgag 60
gcttgtttgg agtcgggatt ccccttccc aaacatgcgt ctcgccactt ggacagcagc 120
catttgtact cgtatacttt tt 142

<210> 1372
<211> 377
<212> DNA
<213> Homo sapien

<400> 1372
ccaccatctg tgcaagtagc caaaaccact ccttttaaca cgagggagcc tgtgatgctg 60
gcctgctatg tgtggggctt ctatccagca gaagtgacta tcacgtggag gaagaacggg 120
aagcttgtca tgcctcacag cagtgcgcac aagactgccc agcccaatgg agactggaca 180
taccagaccc tctcccattt agccttaacc ccctcttacg gggacactta cacctgtgtg 240
gtagagcaca ttggggctcc tgagcccatc cttcgggact ggacacctgg gctgtccccc 300
atgcagaccc tgaaggtttc tgtgtctgca gtgactctgg gcctgggcct catcatcttc 360
tctcttggtg tgatcag 377

<210> 1373
<211> 504
<212> DNA
<213> Homo sapien

<400> 1373
ccatgctaag tttgggaacc gctggtgatg ggacatggat gcttgcaacc gaccgtgggc 60

ggatgtggtt gaccagatgg cagaggacga caccatccat gagggctgcc cccaggtctt 120
cgtgcagact gaccttcaat ctcatctcaa tgctctcacg aagttgttcc accagctctt 180
tctcttctct catctgctcc attttcctcc ggattgtaaa ctgcgggtct atagattcca 240
aatttctctg aggtcttaga aacacagact cagaaatcaa atgaggatgt ctcagaaagg 300
agtcactttt ccagaggcag gctgcccctt aactcagccg agcagcagga accactgggg 360
ccaaagctat tttatcttcc ttaggtaaaa aaaaatcaat agaatatttc ttccccgctt 420
acatgctccc accactgatg aacgcgatct tcagcaagaa gaactttgag tccctctccg 480
aagccttcag cgtggcctct gcag 504

<210> 1374
<211> 201
<212> DNA
<213> Homo sapien

<400> 1374
cctccgtaag atgcttgaca attttgactg ttttggagac aaactgtcag atgagtccat 60
cttcagtgct tttttgtcag ttgtgggcaa gctgcgacgt ggggccaagc ctgagggcaa 120
ggctataata gatgaatttg agcagaagct tcgggcctgt cataccagag gtttggatgg 180
aatcaaggag cttgagattg g 201

<210> 1375
<211> 295
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 1375
ctgtgaggct gnttccaagg aggaaaacaa ggaaaaaaat cgatatgtaa acatcttgcc 60
ttatgaccac tctagagtcc acctgacacc ggttgaaggg gttccagatt ctgattacat 120
caatgcttca ttcatcaacg gctaccaaga aaagaacaaa ttcattgctg cacaaggacc 180
aaaagaagaa acggtgaatg atttctggcg gatgatctgg gaacaaaaca cagccaccat 240
cgtcatggtt accaacctga aggagagaaa ggagtgcaag tgcgcccagt actgg 295

<210> 1376
<211> 318
<212> DNA
<213> Homo sapien

<400> 1376
ccagcgctac tgtactggcc cagggcagag ttcatgtatc tcgtcttgac cacgtctaca 60
ggggaggcga tgacagtggt gcagaagcct gccccaaagg cagaagtgaa gtggcaaggg 120
aggtcatctg tcatgaggtt ggctttcagg agggcatcct tgatgaggtc ataggtcacc 180
agctcagcac agttgacaat ggcattacga gcaacattgg gggaggtccc tttccagagg 240
ccccggaacc cttcctctcg ggcaatggtc ttgtaggcat tgacggtgct ttggtatctc 300
cgaccacctc cagcccgg 318

<210> 1377
<211> 143
<212> DNA
<213> Homo sapien

<400> 1377
gtggattccg ytccgggcac cgatctcgcc aagatcctga gtgacatgcg aagccaatat 60
gaggtcatgg ccgagcagaa ccggaaggat gctgaagcct ggttcaccag ccggactgaa 120
gaattgaacc gggaggtcgc tgg 143

<210> 1378
<211> 98
<212> DNA
<213> Homo sapien

<400> 1378
aaatattggt aataggtcgg caacagcaac tatagaagta caactcaata gatggcatta 60
aaacatattg tagtgtggat atatattttt tctttttt 98

<210> 1379
<211> 330
<212> DNA
<213> Homo sapien

<400> 1379
aaagatgttc acgttacgct ggaccaaatt aagacggctt tctccctctt gctgacgtgc 60
cccagccgtg ataatgacca gcttggagtt tgcagttaca ttatagtctt tgccagagac 120
aatctttggt gttctaagga aaaggctgcc atgttggaga tccatcatct ctcccttcaa 180
tttgtcttcg acgacatcaa caagagcaag ttcatctgcc aagtccttca ttaagatact 240
gatggcacag gccatgccaa cagcaccaac cccaacaact gtaatcttat tctgggggt 300
ctgttcttcc tttagaagat tataaatcag 330

<210> 1380
<211> 269
<212> DNA
<213> Homo sapien

<400> 1380
ccactcctgg aaacccactg atagatgagt ttccccatt cttctggcct ccgccacatg 60
atcaggaagc tggacttgct cttatccaac cactcgaggt tccctttctt cctcagttcc 120
tctaatacaa tctggatcga ctccacagga agctttcgct gtagcttgac gttgttgaag 180
agcgggctct cctgagcttc catcaccgtc atgctggact gtttgtgcag gcggcagaag 240
gacaggacca gcgagcacca ggcggccag 269

<210> 1381
<211> 232
<212> DNA
<213> Homo sapien

<400> 1381
aaaagagagg aaaggcagtg cagggctgga ggtcctggag ggtggcggcg ggtcgtccta 60
actagcaggc tgaaaggtgc tggaggggat gccttcactc agaggaagtt cacagccacc 120
tgccttggaa catgtacctg ttcatctttt cgtaatgtta gtattcattt tgctatcttc 180
ctgttgccat ttccaaacag tgtcagtatg tttttgttaa atacgaacat tt 232

<210> 1382
<211> 348
<212> DNA

<213> Homo sapien

<400> 1382
aaacgtgcta aagggaaagg aatctgacat tctgggtaaa tcttactcaa tctaaatcaa 60
agcttggttt tcaggaggag gaaggtgcga gcgcaggcag aggtgctgaa tactcctctt 120
ctgattcact tccatcatcc tctttctctt ggtcactgcc ctcagtgcta agccggtcaa 180
acccttttcg actgtagccc ttacggcttg caaagaaatt accaaggttt aagcctccac 240
ttccctttcc tctaaatctt cccagtactc ttcctgaact cgtctcgagt ttgtgttcag 300
aatctccaaa ggcccttgat tttttccacc gaataaatat ggcaatgg 348

<210> 1383
<211> 293
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

<400> 1383
ctgcttcaan acctcagctt catgggactt gcgtctttct tctgcagctt ctaatttctt 60
ctgaatttcc tccagggaaa gatccttctt ctttggaggg gaaaggggga attctggaac 120
agattctttt gaccgagggc tgagaatcag ctcaaaagcc tggcccgagg cacgcttctc 180
cagttctttc acctggatat cagaagaagc catggtgaat agaagacaag cgacaggcag 240
tgtattctgc acaatcaact gggataagga aagtcctgct cagtccgagc cgc 293

<210> 1384
<211> 573
<212> DNA
<213> Homo sapien

<400> 1384
ctgaagcaac ttgggattaa ttgcttgatt agcttcacga agcacagaga taaggtcgct 60
cacttgcttt atgttattag gtgtaaagaa agtgtatgct gtgcctgttt tggtactgcg 120
agcagttctt ccaattcgat gaatataatc ctctgaggag ttagggtagt cataattgat 180
gacaaatttc acatcttcca catctagccc tctggaggcc acatctgtag caatcagaat 240
aggagctttt ccatgtttga attcatttag aacccagtca cgctcttgtt gactcttgtc 300
accatggata cccatggcag gccacccatc tctcctcatt tttctggtaa gctcatcaca 360
tcttcttttg gtttccacaa aaacaatggt tttattctcc ttctcactca tgatctcttc 420
cattagacga ataagttttt catccttttc tacgtcatga cacacatcca caatctgaag 480
aatgttgtgg tttgcactca gttcaagtgc accaatgttt atatgaatat agtctttcag 540
gaaatcttca gcaagctgtc ttacttcttt tgg 573

<210> 1385
<211> 150
<212> DNA
<213> Homo sapien

<400> 1385
ccaaggccgc tagggtcctt acccctcagg atcactcccc agccctttcc tcaggaggta 60
ccgctctcca aggtgtgcta gcagtgggcc ctgcccaact tcaggcagaa cagggaggcc 120
cagagattac agatcccctc ctgtaagtgg 150

<210> 1386
<211> 159
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 1386
aaatgatgtt ttggttaaga gtggaccatg agaattagct gacagcatcc cctttctctc 60
tccctgcctt ggtgggaccc tccctgtgtg accttggtca agtcctcgaa cttttgtccc 120
gtatttaaga tggagctgnt ttacctactt cataagaca 159

<210> 1387
<211> 735
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 1387
ggtgnaattc gcctttgaan ggccgccggg caggtccttt ntgtstgctg aaggcagatc 60
gcttgttcca caccagctac cactcccagg cagtgcatat ccgccctgtt tgcagaaatg 120
cacgctgtac tagcatctcc tgggagctga ggcagaccct gtcagttgta tttgatgcct 180
tcatcacggg gcagggaaag aaagactggt ccctcttccg gatgttctcc cgaaccctca 240
cggagccctg ccccctggct tcagagagcc gagtctatgt ggacatcacc acctacaacc 300
aggacaacga gacattagag gtgcacccac ccccgaccac tacatatcag gacgtcatcc 360
taggcactcg gaagacctat gccatctatg acttgcttga caccgccatg atcaacaact 420
ctcgaaacct caacatccag ctcaagtgga agagaccccc agagaatgag gccccccccag 480
tgccctttct gcatgcccag cggtacgtga gtggctatgg gctgcagaag ggggagctga 540
gcacactgct gtacaacacc cacccatacc gggccttccc ggtgctgctg ctggacaccg 600
taccctggta tctgcggctg tatgtgcaca ccctcaccat cacctccaag ggcaaggaga 660
acaaaccaag ttacatccac taccagcctg cccaggaccg gctgcaaccc cacctcctgg 720
agatgctgat tcaga 735

<210> 1388
<211> 369
<212> DNA
<213> Homo sapien

<400> 1388
ctggggacag cctacagggg cctccagcct gtgccagacg aggaggtgat tgagctgtat 60
gggggtaccc agcacatccc actataccag atgagtggct tctatggcaa gggtccctcc 120
attaagcagt tcatggacat cttctcgcta ccggagatgg ctctgctgtc ctgtgtggtg 180
gactactttc tgggccacag cctggagttt gaccaagcac atctctacaa ggacgtgacg 240
gacgccatcc gagacgtgca tgtgaagggc ctcatgtacc agtggatcga gcaggacatg 300
gagaagtaca tcctgagagg ggatgagacg tttgctgtcc tgagccgcct ggtggcccat 360
gggaaacag 369

<210> 1389
<211> 322
<212> DNA
<213> Homo sapien

<400> 1389
aaagatgttt ctggcatttt ctttttattt gtaaggtggt ggtaactatg gttattggct 60
agaaatcctg agttttcaac tgtatatatc tatagtttgt aaaaagaaca aaacaaccga 120
gacaaaccct tgatgctcct tgctcggcgt tgaggctgtg gggaagatgc cttttgggag 180
aggctgtagc tcagggcgtg cactgtgagg ctggacctgt tgactctgca gggggcatcc 240
atttagcttc aggttgtctt gtttctgtat atagtgacat agcattctgc cgccatctta 300
gctgtggaca aaggggggtc ag 322

<210> 1390
<211> 450
<212> DNA
<213> Homo sapien

<400> 1390
aaatattagw tgagacttta caggcacata actgttcaga tagaaacaaa cataacagac 60
taaaatactt tcaaaattaa agccatctag aaaatggaag taactgaaac tgtagccatt 120
acaattcttt ttctggtttt gagcaaaaat tttatctctc tggcaaaaca cctttgtctg 180
atcatttgag agacagggtt cttgtatact gtttcttcaa cgtaaacctc atttacaaaa 240
atagtgacat agcattatga ataaactatg aattggggac catggaaatg cactagaaca 300
aattttgtaa aaatatggca gatatggaag ttaaaaatag aatggatgca aggactgtac 360
taaaggtgtt tggtgtagtt acaatgttca ctttgcacaa ctatccctat agtctaggta 420
gccattgggt ttctcctcag cagtgtcaga 450

<210> 1391
<211> 304
<212> DNA
<213> Homo sapien

<400> 1391
aaaaaatcat aaatggggtt tcataatcca aagttgaaac atttattctt catagcttca 60
gaatttaaca accaattgta gaccatgctt tccaaatcca gtcttctttg ctatttttca 120
aaacttctga gatctagtat taaactgctc cattctaaat gtatagtttt agataagtat 180
tgtacacttg ttgataaggg ttttctgaaa gcagtctatc aaatataaag aatggtttct 240
atctaagaat cagcagtgag ggaagaaata ttaaacacct atcaagaaat caattattca 300
tttt 304

<210> 1392
<211> 140
<212> DNA
<213> Homo sapien

<400> 1392
ctggaagaag aactgagaca gcagaaagaa gcagcttgtt tcaaggctcg tccaaacacc 60
gtcatctctc aggagccctt tgttcccaag aaagagaaga aatcagttgc tgagggcctt 120
tctggttctc tagttcagga 140

<210> 1393
<211> 166
<212> DNA

<213> Homo sapien

<400> 1393
aaaactttgt ttttcttaaa agcttacagt gtttggctaa ttctcctccc ctttttacaa 60
gacgggggcc ggagggtgga cactggtggc aggttaaggg atactgtcac tttaagaagc 120
ctgcagattg aagtgtaaac atggagaaat taggggctga tttttt 166

<210> 1394
<211> 543
<212> DNA
<213> Homo sapien

<400> 1394
gcagaggctg tggtacaaca tggtccttgg tgaagacctg caccctgga acctcccacc 60
atcatcacaa ctgtagtctc atttgcagtg gagaaaagaa cccgacgtcc cacagccaga 120
tatacaccca gctccatgcc agcccttcat gtttaccttt tgctttgtta attacatgtc 180
agactcctag agggcctcca gactaatagg aagcatttct gtaaccaacc tgccacccac 240
tgattcagaa atggaaatca cattccacaa tctatggctt ctaccagcta gcccaggaaa 300
tacttgaaat cagcattcca attagtgttg agtctcttga ttgtgtcatt taccaattaa 360
ataactgaga cctaagtctg ggaacagagc cacgaatctg cctttgagat gctggcagat 420
ctcaaggcca tcaattattg ggggagggag ggacaaacac tcccaatcat ccaccagtca 480
gactgaatgt gtagctggcg aggaattact tccacttctg gcccagcaca agccctgctt 540
tgg 543

<210> 1395
<211> 364
<212> DNA
<213> Homo sapien

<400> 1395
cctatcatca gtggggttgt attcaccatc atccagggta ccatcttcat acaaggtact 60
agctatgacc aaccgaaact tgtcacccaa gtctacaggg taaatttgaa tgtttacatc 120
taagattaga tccatcttga aagattcact ctcacaatgc agtcgagaca ctcggtcaaa 180
cttcttgccc tccgggtcaa tatccttcac atcgaaaata tcctcaaaca ggatgcccgc 240
catcgcgagg gggccacgag agcagcagaa ggggtgagag cgcgaccaca gttgggagta 300
cgtgcacccc ctagcgtgga caagaccgga gagaaccaaa agcacctcct gaaagcgcgg 360
cggc 364

<210> 1396
<211> 422
<212> DNA
<213> Homo sapien

<400> 1396
gctgctgctg ctattgtgtg gatgccgcgc gtgtcttctc ttctttccag agatggctaa 60
caggggcccg agctatggct taagccgaga ggtgcaggag aagatcgagc agaagtatga 120
tgcggacctg gagaacaagc tggtggactg gatcatcctg cagtgcgccg aggacataga 180
gcacccgccc cccggcaggg cccattttca gaaatggtta atggacggga cggtcctgtg 240
caagctgata aatagtttat acccaccagg acaagagccc atacccaaga tctcagagtc 300
aaagatggct tttaagcaga tggagcaaat ctcccagttc ctaaaagctg cggagaccta 360
tggtgtcaga accaccgaca tctttcagac ggtggatcta tgggaaggga aggacatggc 420
ag 422

<210> 1397

<211> 653
<212> DNA
<213> Homo sapien

<400> 1397
ctgacctgct atcccacccc aaatttcagc ctgaggtata tttcagtgaa ggcaggtagc 60
tgtgcttctc agagcagaga agcagtttta agagcaaaaa ggtagaggaa atctagaaaa 120
gaaccgtctt gatacagatt tatcccatgg tgtgaaggga gggcaaagaa cccagtggca 180
cttcgcttat ccagcaattt ctgtcactgt ggtgaccaac ttctgccccgt tccatagggt 240
cttgaactgc tcaggaactg ggaattcatt aaagtcaccg ccttctgtag gaatgaggac 300
attcatctcg gaagatttgg cactgactat ttcacaatcc agggaattct tgctcaggta 360
agcatggcag ccatctgttt tgttgatgga tatggttggc actttaccca ttacctgaac 420
tttgacatcc ttactgttga ttatctccac aatgcccacc acgtcatcga ataccaggcc 480
aagtttctta cagttatcta ctgtaatgga gttaattttg cccttgattt gcaatgtcgt 540
gttgacacac ttgtatatgt aagccacctg tttcagctct gtgtcctcaa tcaccagggt 600
ggaaacattt tcctgatttt ccctctccct tcttgccttc agttcaagta cag 653

<210> 1398
<211> 261
<212> DNA
<213> Homo sapien

<400> 1398
aaaattataa ctactcattc tttctttagc cttagataat ttgagcagaa gccacaacaa 60
gcaaaccaca ataaatttag aattggcaga aatccacatt aactcctctt cccaagtttc 120
cacactacta ccatttacag ttgtaggttt gtaatgtata attatgtaat gcasaaacta 180
gctttgactt gtgtracgat gcactgtcaa aggaagcaaa gtaagaattg aaattccaca 240
ttcccagaat ttaacactca g 261

<210> 1399
<211> 195
<212> DNA
<213> Homo sapien

<400> 1399
ctgattttat ttccttctca aaaaaagtta tttacagaag gtatatatca acaatctgac 60
aggcagtgaa cttgacatga ttagctggca tgattttttc tttttttcc cccaaacatt 120
gtttttgtgg ccttgaattt taagacaaat attctacacg gcatattgca caggatggat 180
ggcaaaaaaa agttt 195

<210> 1400
<211> 120
<212> DNA
<213> Homo sapien

<400> 1400
ctgcctccaa ccctttgggt ctccaccacc caagtttcct gtagggtccg ccgggtccag 60
gatcacaggc ctgggtttcg tgagctgcct tctcaggtac ttttcaataa tggggttttt 120

<210> 1401
<211> 284
<212> DNA
<213> Homo sapien

<400> 1401
ctgtagccaa aaagatgctg gggcagattg tggacaagta gaagcacctc cttcccctct 60
gcgacattga acggcgtgga ttcaatagtg agcttggcag tggtgggcgg gttccagaag 120
gttagaagtg aggctgtgag caggagcctc tgccagggga catgcaatct gcagggaggg 180
gctgaggggg gtcccatggt ctctgctgtc ttctctgtcc acctctttgt agaggagctt 240
gagctccagg aatgctctgg tcagggctgc tgtgactgtt ggcc 284

<210> 1402
<211> 198
<212> DNA
<213> Homo sapien

<400> 1402
ccaggtttct gctggtacca ggctaagtag ctggtgctgg cgggaacact gtgactggcc 60
ctgcaggaga gggtggctct ttcccccgga gacagagaca gcgtgtctgg agactgtgtc 120
acttcaagct ctgcgatgcc atctgggagc cagagtagca ggaggaagag aagctgcgct 180
ggggtttcca tggttccc 198

<210> 1403
<211> 441
<212> DNA
<213> Homo sapien

<400> 1403
aaactcaaaa ttgacaaatt aactagcttg ctttttgtca tttggaagac taccattatt 60
caaatttatt atgtaataca ctcatccaga taatgaaaca tctgcgaaaa aaagtgtggg 120
aatcacctca tctgtgcata aaatggctat tatacatgaa tgcagacgtt tgaagttaga 180
aaggaatata actcaaatag caaaaggtcc taattacaga gtttacaaat aagcagtttt 240
attttcaaaa gtacatagta agtccagact gggctattgc caaagaacta atctttagtc 300
tacttcaaca tgttacatgg tattcctgac tctacagact atcagcatct gtggaggtta 360
gctcctaaag gtcccaaaga acaggaaaca tgcaggaata aaggactcct catgaagagc 420
aggtgggagc gagtgggcag g 441

<210> 1404
<211> 243
<212> DNA
<213> Homo sapien

<400> 1404
tgaaggggtt cttggaagac ctggcacctc cagagcgcag cagcctaatt caggattggg 60
aaacatctgg gcttgtttac ctggactata ttagagtcat tgaaatgctc cgccatatac 120
agcaggtgga ttgctcaggt aatgacctgg agcagttaca catcaaagtg acttcactgt 180
gcagtcggat agagcagatt cagtgttaca gtgctaaaga tcgcctggct cagtcagaca 240
tgg 243

<210> 1405
<211> 168
<212> DNA
<213> Homo sapien

<400> 1405
aaaccactgg atctatctaa atgccgattt gagttcgcga cactatgtac tgcgtttttc 60
attcttgtat ttgactattt aatcctttct acttgtcgct aaatataatt gttttagtct 120
tatggcatga tgatagcata tgtgttcagg tttatagctg ttgtgttt 168

<210> 1406
<211> 486
<212> DNA
<213> Homo sapien

<400> 1406
ctggacatac agaaattgtt gaatttttgt tgcaacttgg agtgccagtg aatgataaag 60
acgatgcagg ttggtctcct cttcatattg cggcttctgc tggccgggat gagattgtaa 120
aagcccttct gggaaaaggt gctcaagtga atgctgtcaa tcaaaatggc tgtactccct 180
tacattatgc agcttcgaaa aacaggcatg agatcgctgt catgttactg gaaggcgggg 240
ctaatccaga tgctaaggac cattatgagg ctacagcaat gcaccgggca gcagccaagg 300
gtaacttgaa gatgattcat atccttctgt actacaaagc atccacaaac atccaagaca 360
ctgagggtaa cactcctcta cacttagcct gtgatgagga gagagtggaa gaagcaaaac 420
tgctggtgtc ccaaggagca agtatttaca ttgagaataa agaagaaaag acacccctgc 480
aagtgg 486

<210> 1407
<211> 560
<212> DNA
<213> Homo sapien

<400> 1407
aaatatatgc ttttctagaa tttgatgttt gaccatttat gacttaatta ccagagagcc 60
agtaaattag gacagtgttt caacaagcct aggctatctc gtaagttgaa aaatatccca 120
ctatagttgc ttcatgagta tgaagtaaga tggcctctga tttacactgg ttcaatttac 180
aaatttttcaa ctttatgata ggtttatcag ggtactaaat gcatttcaac ttgatagttt 240
caacttatga taggtttacc aggatgtagt cccactgttg aggagcatct atttaggagt 300
taattacttt agtaataagt ggaaagtaag ataccttgag taatgtttgc ctataaaatt 360
gtcagcgtat ttttacacta ttggctcaag aatgttataa tgctaaggga cataagttgg 420
caaccacttg gtttttggaa ggactttcgg tattgtatta gaagtctgcc ctagctgtta 480
aatttctggg tatttatcct aaggaattaa ttaaagagtt aattgttcct ttcttcagtg 540
ggccattgtt ttagatattt 560

<210> 1408
<211> 360
<212> DNA
<213> Homo sapien

<400> 1408
ctgcctagtt gtagttgaca gacaacttta taagctctag tcaaccctat tgactaagct 60
tctgaaccac tagcatagtt ctagggtcag gcggatgcct actgtgggca ggaaagtgat 120
gcatgcatgt gtgggagcag tgtcttaatg tctgaaatag tagccatgag ctacatgtgg 180
ctatggagca cttgaaatgt gggagtccaa attatcatgt gctgtgagtg taaaataata 240
tgtttctaag accgtgtgtg aaagaatata aaatatctca ttaaaaaatg tttatattga 300
gtacatgttg aaataatttt atatttgtga cacattgtgt taaataaaat attaaaattt 360

<210> 1409
<211> 208
<212> DNA
<213> Homo sapien

<400> 1409
ccagtccaac ctgctcctca ttattgtata aatgagcaga atcaatatgg cggaagccag 60

cttcaattgc caatttggtg gcctctaaag ctttactttt aggaacctct gcaggcgcat 120
aggtgccaaa tcccaggaca ggcatgaagt gaccatcatt cagcttcaca cactgatatt 180
tcgaatccat ttctgtcact agcctggc 208

<210> 1410
<211> 404
<212> DNA
<213> Homo sapien

<400> 1410
aaaaaaagga aaaagtttta ttacgaaact agtttgtata aaacagggtt atacatattt 60
ttgtaagttt gtaataaaac agtaagaaaa aaaaggcagt aatagaaatc tccaaaaggc 120
aacctatcaa aaccaactgg ctgccacttt gagtttggac agtagctgca taaactttgt 180
tcttcttgar cagtatttaa taacatcatt aatacattaa caacatttct ataaagtaag 240
acacattggt gctgaagtac aactggtggc ctcttgatct cacctatgag gagagttctt 300
tacamawcca catagggaaa attgcagttg taaggtgarc tacacatcta aaatatgcag 360
aggtaatagc attacatgtt aaagtatcaa gatatacaca tttt 404

<210> 1411
<211> 623
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1411
ccacttgttg agatatgggg agcctacact ccggagggst gtacctttag cactggccct 60
catctctgtt tcaaatccac gactcaacat cctggatacc ctaagcaaat tctctcatga 120
tgctgatcca gaagtttcct ataactccat ttttgccatg ggcatggtgg gcagtggtac 180
caataatgcc cgtctggctg caatgctgcg ccagttagct caatatcatg ccaaggaccc 240
aaacaacctc ttcatggtgc gcttggcaca gggcctgaca catttaggga agggcacccct 300
taccctctgc ccctaccaca gcgaccggca gcttatgagc caggtggccg tggctggact 360
gctcactgtg cttgtctctt tcctggatgt tcgaaacatt attctaggca aatcacacta 420
tgtattgnat gggctggtgg ctgccatgca gccccgaatg ctggttacng tttgatgagg 480
agctgcggcc attgccagtg tctgtccgtg tgggccaggc agtggatgtg gtgggccagg 540
ctggcaagcc cgaaaactat cacagggttc cagacgcata caaccccagt gttggtgggc 600
ccacggggaa cgggcagaat tgg 623

<210> 1412
<211> 171
<212> DNA
<213> Homo sapien

<400> 1412
gcggcgctgg gggtgctgga gtccgacctg ccaagtgccg tgacacttct gaaaaatctc 60
caggagcaag tgatggctgt aactgcacaa gtgaaatcac tgacacaaaa agttcaagct 120
ggtgcctatc ctacagaaaa gggtctcagc ttcttggaag tgaaagacca g 171

<210> 1413
<211> 189
<212> DNA

<213> Homo sapien

<400> 1413
aaaagtcata agggttttat tttgtatcat caaaatattc tataaggtcc caaatactct 60
ttttcaaccc atgaacagta agaatttgtg aattctgata atgaaaaaag ttttcctcca 120
ggtatgtttg tttcacattc agtcctaaag ccttgagcta tgtgtacttc cctcacacag 180
gaacaccag 189

<210> 1414
<211> 564
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = A,T,C or G

<400> 1414
cctccccagc gcccaaaggt ctattacaag tacctataga cttttcacat ataagttcta 60
gtgggtacaa gctttttttt ttttttttt ttttttttt tctattgggk atttcattca 120
ttttgggggg ggaacaaatt ctacaaactg ctttaatatt gkcctttttt tctaatattc 180
acattaactt tttatgtaaa acataccaat gcttttaata aagcttacat aggaataaac 240
tattatagac ctgcatagat ataagtaccc atgtattaat ctacattaaa ataatggatt 300
ttattctgcg aaractccaa gttgctcctg ggkgctaagk gaagcactta gggaaatgtg 360
ttcagtcttt gaggtcatag gaacattara ttatatcaaa ggaaacctgg agccatcagc 420
taagtggccc ttctgtcctg tagatacata aaaactaatg ggctccgcta tgcggctcac 480
tttctgctat tagatactat gaggcactaa naaaaaacta ctgcctgcat catatctttc 540
ttcggtttga gataaagaga atgg 564

<210> 1415
<211> 231
<212> DNA
<213> Homo sapien

<400> 1415
ctgcgcttgg ataacaagta attcaacgca cgcacttaac agaaatgtta aactataaca 60
agcaccattt gaggattaac aggaacattt ttttgaagat ttcaaacgaa ctcgactttc 120
agtataattg tacctaaagt atttataaac agctcatcgg agcctctatt tgtcatagac 180
ttttgagttg attgttggga ccacataata ggaccatttt tttttgtctt t 231

<210> 1416
<211> 540
<212> DNA
<213> Homo sapien

<400> 1416
cttgatttag gatctgtggt gcagggcaat gtttcaaagt ttagtcacag cttaaaaaca 60
ttcagtgtga ctttaatatt ataaaatgat ttcccatgcc ataattyttc tgtctattaa 120
atgggacaag tgtaaagcat gcaaaagtta gagatctgtt atataacatt tgttttgtga 180
tttgaactcc taggaaaaat atgatttcat aaatgtaaaa tgcacagaaa tgcatgcaat 240
acttataaga cttaaaaatt gtgtttacag atggtttatt tgtgcatatt tttactactg 300
cttttcctaa atgcatactg tatataattc tgtgtatttg ataaatattt cttcctacat 360
tatattttta gaatatttca gaaatataca tttatgtctt tatattgtaa taaatatgta 420

catatctagg tatatgcttt ctctctgctg tgaaattatt tttagaatta taaattcaca 480
tgtcttgtca gatttcatct gtataccttc aaattctctg aaagtaaaaa taaaagtttt 540

<210> 1417
<211> 350
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 1417
ttnatcatct aactgtggga tctatttcat ttctggaaat aacacaactt agttctaggg 60
ctttcatgca catgaaatat aaaacagctt agttgttctg aaaacatgac aatggttaat 120
tttattcaag tcccaacact gagttcagag cacttctcca taggccccat taatctctcc 180
aggtttctgg gagtatcatt aaatccctcg gcatccttaa gaagcaggtg cttagcaaac 240
atccagtttc caaatgagag tcagaggggc ttgatcctga aagtgtagta ttttcctgcc 300
ttgtcctact ggtatagctt cttggaccta aaatctctct cctgctgagg 350

<210> 1418
<211> 425
<212> DNA
<213> Homo sapien

<400> 1418
tgctaggcag ccttattttc ataacccawt tagggaaagg aaatttagga ttttcaaggc 60
tacattaatt tttcctccat caaatcttga tttgttcttg ataaaaatga gttcttttgg 120
ggaaattctt tctttagaca ccaacttggt ttttctcatc ttccacagaa taattgaacc 180
cctgacctct agatgttcaa aattccgctt caagcctctg tcagataaaa ttcaacagca 240
gcgattacta gacattgcca agaaggaaaa tgtcaaaatt agtgatgagg gaatagctta 300
tcttgttaaa gtgtcagaag gagacttaag aaaagccatt acatttcttc aaagcgctac 360
tcgattaaca ggtggaaagg agatcacaga gaaagtgatt acagacattg ccggggtaat 420
accag 425

<210> 1419
<211> 390
<212> DNA
<213> Homo sapien

<400> 1419
aaactcttgc tattgaattg agatgattaa aatggtgact taatccgtag ttattttgca 60
cccactgaaa ggaaagtgct ttccagaata atatgaagta tctaaaagtg tcacctttc 120
ttgcctgatc aacaatttgg gcttcctgtt tgtacaaggg gccatttggc ataccttca 180
cagcttttat caggccaagt taaaggctga ctacattttt tcatcatgag gaaagcagtt 240
gaaatgaggc atgagttact gtgcattggg attttagaac aattttcttg tgacagctct 300
ttttgtgaag ttaggttctt aaaagtgccc atgatggtca cttaaaatgt gcagtaatag 360
cactgccagg atcaagcatg aaaggctttt 390

<210> 1420
<211> 480
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(480)
<223> n = A,T,C or G

<400> 1420
ttgctgaaca atgacatcgt tttctccagg ggttgaaatc catgtccatg gctgacaacc 60
caacaaggct gggacccaaa ttcgtacaga gatgaggcag agtggagaga aacaactctg 120
gctgagccag agtctccagc cactacttct tattcctggg ctttagctct tcggctgcat 180
tacgcaggaa aatgtaattt tttttctggg gattataaaa ttcatgtccc tttgaccagt 240
cgtagctgga agcgtatgca aatatgtttc cattgygatt gaaacagcaa gctgasatgg 300
gctgayctaa ctgttccgaa gnttttagtt ttgktctggc atctttgycc cagaagctga 360
atctaccatc agatcccaca gttgcaaggg tgccatgaac aggatggaac gccgattcca 420
tttacccgca taaatgycct gaggagctga agtgttggtt ccattagatc gatgacattt 480

<210> 1421
<211> 453
<212> DNA
<213> Homo sapien

<400> 1421
aaactgattg aggtcacagt attttattat ttggggtcct caccacagga aacactgcga 60
tacaggggca aaagagatgg cagtgccaat taaattaata caacaaaatc aatgcagcac 120
caaccaagac tgccaggtct ggtgtcatgg gtatgcccag agcccaggag ttcagaaggg 180
ccctaagcct gatttaatgc tctgctgttg atgtcttgaa attcttaaca atttttgaac 240
aaggggcctg cgttttcact tcgcactggg ccttgcaaat tacatagcga gtgctcataa 300
aagaactcag aaacgtggta cctctcttcc tggtggatac aaataaagaa atctggatcc 360
aaagttgaaa gttgctggcg atatcattca agtaggactc taaatagtgg attaagatga 420
gggtgggcct gggtgaagat tctttccagc ttt 453

<210> 1422
<211> 542
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G

<400> 1422
tttncttgac cactatacgg cacaacctag gggstgtawa aaacctascr caatgcagaa 60
gggtgaagct tcatgacaat tggtctcggc aataatttgg gggatgtaac atcaacgaat 120
cagacaacaa aagcaaggga atacacatgg nactaaatca gtgtgnggaa aaatatccca 180
aacaggcaaa gcacaacatg gamtagatat atgcacattn atggaccctg naggcakkac 240
tcacaaacat actacctggg aagcamctgg acctttaagg gatgaggtag attcaacaaa 300
cagggcancg tatmttccac tgggatagca ttccagcctt aaaaataang aaatcttgaa 360
aagnactaca ataaggacaa atctcgaaca cattctgtta agtaaaacaa gacaagccaa 420
aaagggaaaa ctgtataatt acacctatgt aaaatattta gtcaaactca aagaaaccaa 480
gtgttgtagt ctcagcaggg caccaagatg naaacagtct ctcatagnct gagatangca 540
tc 542

<210> 1423

<211> 252
<212> DNA
<213> Homo sapien

<400> 1423
ttaatgccaa atggcaaagt tgcatccgtg gaaatggtta aatatcatca ctgtcgggat 60
gaacccctgc acgccctcta tgacaatgtg gagaaactct ttccaggttt tgagatagaa 120
actgtgaaga acaacctcag gatccttttt aataatgctg taaagaaacg tttgatgaca 180
gacagaagga ttggctgcct tttatcaggg ggcttggact ccagcttggt tgctgccact 240
ctgttgaagc ag 252

<210> 1424
<211> 273
<212> DNA
<213> Homo sapien

<400> 1424
tttccactct gcacattgta gagggaacac tctgtaggcc catgggtccc ttactagaga 60
ggttgagtga atttgccttc agttaacatg ggaccttctg tttagcttcc tcttgcttcc 120
caaagatttt aagcattttg taaatgtata aactcacctc tggtaacagt ggcccagacg 180
ctgctttgtg ctaaaagcat gggaaatgta aaggcagtct ttctctggga aatggatgct 240
attctattct gctgccccta cctgttcctg agg 273

<210> 1425
<211> 618
<212> DNA
<213> Homo sapien

<400> 1425
aaaaaccttg tatagcaaaa taacttaaaa ccctttgtga tatcatctta ccagtttatt 60
tggtaaaaac aaacagttat ttggtatttg tcagaattct tcagtgcctg ctattacagc 120
tattttccaa ttactaattt gattatactc actcaaggca gtgcaagatc ttgaagtact 180
ttttagcagt taagtaatat tgaattgtat tgaatagttt acatagttta ttctagtctt 240
tgaaaattac tgaacatgga caatgtgcat gtcattgaca tctgccttag aacttctggg 300
acaatcctga ttcgagagat tctatcccat tatttacata taccaaaaat actttgttaa 360
tttaatgtgt tggcttccca actcctgaac acgacacaat tttattatta gattttgtat 420
ggtgatttta ggctatgaaa acatgatcat tatatgtata tagatacatt tttatttgtt 480
acaaatgttt gagcagctca ctagcccacc cctcctctat tttgggtaag agaatttact 540
acctttttta actatgtagt tgagagcaac atgtattttg ttatttttag aatggtcagt 600
atattgctat aaaatttt 618

<210> 1426
<211> 565
<212> DNA
<213> Homo sapien

<400> 1426
gtggtagaaa gagatgacgg aagcacatta atggaaatag atggcgataa aggcaaacaa 60
ggcggtccca cctactacat agatactaat gctctgcgtg ttccgaggga gaatatggag 120
gccatttcac ctctaaaaaa tgggatggtt gaagactggg atagtttcca agctattttg 180
gatcatacct acaaaatgca tgtcaaatca gaagccagtc tccatcctgt tctcatgtca 240
gaggcaccgt ggaatactag agcaaagaga gagaaactga cagagttaat gtttgaacac 300
tacaacatcc ctgccttctt cctttgcaaa actgcagttt tgacagcatt tgctaatggt 360
cgttctactg ggctgatttt ggacagtgga gccactcata ccactgcaat tccagtccac 420

gatggctatg tccttcaaca aggcattgtg aaatcccctc ttgctggaga ctttattact 480
atgcagtgca gagaactctt ccaagaaatg aatattgaat tggttcctcc atatatgatt 540
gcatcaaaag aagctgttcg tgaag 565

<210> 1427
<211> 144
<212> DNA
<213> Homo sapien

<400> 1427
ccactagtta tttttatgta atcaattacg gggtcattag ttcatatccc atatatggag 60
ttccgcgtta cataacttac ggtaaatggc cgccaccgcg gtggagctcc agcttttgtt 120
ccctttagtg agggttaatt gcgc 144

<210> 1428
<211> 214
<212> DNA
<213> Homo sapien

<400> 1428
ccactagtta ttattatgta atcaattacg gggtcattag ttcatagccc atatatggag 60
ttccgcgtta cataacttac ggtaaatggc ccgcctggct gaccgcccaa cgacccccgc 120
ccattgacgt caataatgac gtatgttccc atagtaacgc cgccaccgcg gtggagctcc 180
agcttttgtt ccctttagtg agggttaatt gcgc 214

<210> 1429
<211> 253
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 1429
ccactagtcc antttngtgg aattctgaag ccttaattgc ttatatccat gtttctagtg 60
aaatgagagg gtataacaaa aaagagaaca ggaggaaagc ttcgctgtgc ctgaggaaat 120
aatctagtca aggcagcaag tctggatagt gctatagaga tgagatacct gagcagttcc 180
agaggaagag gtggagatca gaggccagtt ttcagtgaac actgtaaaga aaagccagat 240
gatgtgtcct gga 253

<210> 1430
<211> 232
<212> DNA
<213> Homo sapien

<400> 1430
aaattttact agtgttactt aatgtatatt ctaaaaagag aatgcagtaa ctaatgccct 60
aaatgtttga tctctgtttg tcattacttt ttcaaaatta ttttttttctg taaagtataa 120
tatataaaac ttcttgctta aattgaattt ctatattagt ggttaattgc agtttattaa 180
agggatcatt atcagtaatt tcatagcaac tgttctagtg ttttgtgttt tt 232

<210> 1431

<211> 734
<212> DNA
<213> Homo sapien

<400> 1431
cattatacaa cactatattg ccaggtcaaa gagggcaggg acgtaaatgt acactaaaat 60
gcmaatgtat cccaaagaga taaaacaaat tccatttaca gcatgaaggt ttacaaatgt 120
acacctgtac aaccaaggaa agcatcacta ctaaattagc aaggctttta taataaacat 180
tgaaasaaga tttcctttca aagtgtaaac ttacatctat tactacacac acaatgcata 240
tatttataga aagcaaaaag agctatctga atatgtaatc atgcttaaat gctgagctat 300
caaattcact tttcagtggc ccctttttcat ctctatctgg ttcctacttt ctgcctctat 360
gaaaaagcaa aataaagctc aacacttcct caacatgtct gtaattctat aagcaaaaca 420
aaatacaaat ttccactctt tctcattgca aaccaaactg aaaagttaat aagtgactta 480
acttttcatt tagtgcactt aattggaagt gtcaccatga ttttgtattt aactcttaca 540
acaattacat atgtaagtat atacaatatt tctgtacatt gccagagaca ttttagggca 600
gtaattgtat taaaaccaca tctactgtaa ataatgttag gttcttttca tctcaaacca 660
ctttattctt gcctacttac tcgttatttg catgatagtt tgtgaattat caaaatacaa 720
cttaactctt taaa 734

<210> 1432
<211> 542
<212> DNA
<213> Homo sapien

<400> 1432
tttaagaaag agcctttgag aaacatgcat acttttctct tttctcctat attcaatact 60
catatagcct aaaagatgga aactggttca agaatttaaa tgacttgttc cctaaaaagt 120
taatctcctc acctttgtga aatatatcaa gtgctttcta taaataaggg caggaaatgc 180
taacttcata agcatagtcc tagtcattaa aataatttga tcatcttcta aaatttaagt 240
atgatagtaa cacagtaata tggaaaatct caatatactt aacacttcct aaacagcaca 300
atgaaatgtt gttcaaggtc tgaattaatt tgctacagga cctaagcaag tctgtttgct 360
tatcttttgg ctttaaaatt ctttaagtct aaaatggtga taattttaga ataaactgac 420
aatgtgggga acaaacttaa attcacaaac actacccata tgctcaaaaa ctctctggga 480
taattagttt cttcattgta actattgatg tactattatt tcatctttcc attagctcta 540
ct 542

<210> 1433
<211> 175
<212> DNA
<213> Homo sapien

<400> 1433
ttaaattgat tcaaaaaaac ttgacacctg tcatgtaggc cacaaaatag tagcgaacta 60
tactaagtgg tatagcccac tgtggagtgt ggtcttttac tcttccaaat agcccaagtt 120
ggcaaaggtt acttaaaaac ctgcccccca aaaagctaac ttttggtaga ttttt 175

<210> 1434
<211> 90
<212> DNA
<213> Homo sapien

<400> 1434
ttaatcacta ttgatggaag cttatattcc ttatgaatat atacatgtat gcatatatac 60
atctctgtat gaatcactca aagcaatttt 90

<210> 1435
<211> 153
<212> DNA
<213> Homo sapien

<400> 1435
tttacctttg tgctttgaag gttctaccat ttakaaagta aaaagccaac ccacagaatg 60
gaagaaaaga ggacagactc taacaagcgt tcacaaagat ggagagaaat tgtaaccctc 120
atatattgct ggtagaattg tagaaagatg cag 153

<210> 1436
<211> 483
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

<400> 1436
tttttagttt aaagaagagt tttgccactt aracanggga gctwtgtctg gaaaatacac 60
tgagttgaaa cacttcatcc ttggaaggat tatataagat gaacagytgt gataaatgtg 120
tagattagag ggatgtgaat gggcagttag tccagtgccc tcatttaaga ggccaagatc 180
ctgattcaga ggaggcatcc tttgcccaga gctgcttagc taatctgacc aaatgttggg 240
aaaaatgtct cacctaaccc actattcctt aattatggat tttgtgaaaa acaatagaac 300
atgttaatga gtaatttata ttagttcgat gtattacaat tttttagctt taaattacag 360
ytttcttata atgttgaaat gttttagaat cctttgaatc taagtatttg tttcctaaat 420
gaaacatttg tacaacattt gatgttttta cttatgaaat attctcctcc cccaagaaaa 480
ttt 483

<210> 1437
<211> 171
<212> DNA
<213> Homo sapien

<400> 1437
ttttgccacc tcaagaagcc attttcttgt ctgtttcctt ctttacctac ccctacaacc 60
tatgaacaaa taccataact taaaaattta ggtagtctac aactcctaca aattttaagt 120
tcagagacta cccaaagaac tgtggaagat gcagcaatat aaaagttttt t 171

<210> 1438
<211> 408
<212> DNA
<213> Homo sapien

<400> 1438
tctgagtgga ggtaggctaa caacacattt tgactttstc ctcaaaggat agctttgaaa 60
aacaagtgta accaattgtt acaccaaatt aaaatggcaa tattaaatcg gtaacaaaac 120
gatccacatt ttatacaata ttgtatttcc aaacatacat aggtcatgaa aatcagagaa 180
cctaatatag caccgttgaa accattcatt atccttcatg tgtgtatgca attcagaatt 240
tcggcagaag acaacaaatg gaaaatgcct ttcgtttcta taaatcattt tggatttcaa 300
ttaaatcttt gccttagtaa agggtattct tatctcaaga tcaattagcc gtttttagct 360

ccaccgtttt ggaagtaaaa atgatgagct acatctactt tttaattt 408

<210> 1439
<211> 168
<212> DNA
<213> Homo sapien

<400> 1439
ttacacaaca gctataaacc tgaacacata tgctatcatc atgccataag actaaaacaa 60
ttatatttag cgacaagtag aaaggattaa atagtcaaat acaagaatga aaaacgcagt 120
acatagtgtc gcgaactcaa atcggcattt agatagatcc agtggttt 168

<210> 1440
<211> 307
<212> DNA
<213> Homo sapien

<400> 1440
tttcacatac gaagaaatca actgtgatta tgaagtgaca gccagctaaa tatgtcttgt 60
attttctctc ttcctttttt tgcctaactc atcctttact tccattcctg cttccatggt 120
aatgcaggct caaataaatt actaggatac aagattactt caagcctctt ttctgtggaa 180
ctcataatat gataagcatt tgttacaaga ttgcctgtag ttgtttaggg gacaaattat 240
attagggaaa gaaagtcttt ctttagttgg ttaaattttc tattataatt gggtactaaa 300
tttattt 307

<210> 1441
<211> 684
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(684)
<223> n = A,T,C or G

<400> 1441
ttaagttctg gagtgttcac ttctgagcct gaattccctc ccctgcaaaa tgggggaata 60
ccctcctcag agggtccctg cgagggtgag gggagattca gcatggcagg tgtgctgggc 120
acggcagggc ctgggaaggg cagatccttt ccccatccct gccacaaaca acccaaacct 180
ttaaaggaga gcaatggcct tgtgtcaaaa acaaaaacaa aacaaaaccc tgtcctagga 240
gactggggcc ctaatttcta atagcaagcc tttatgagtc cctaacactc tactgggctg 300
agtatctcac acgccagagg ataacctgcc ttctgctcac caccaccccg tagtagttgt 360
cattgtgtcc atttcacaga tgaggcaaag gctcagaaga gtcatgtgtt aaaccagctt 420
ctagagccca tgcaggagct gcaggtggga gaatcacctc taggtgctct tcccatagaa 480
tcctcacctc ctgagtgtca ctcactcagc ttccaatggg tgtgtgacct ttgaccagct 540
ttcttcctct ctgggcctca gtttcccacc tggacaaagt aagaggtctc ttggcttcan 600
gtaagttctt cctaaacttc tttttccttt tcatttgagc atcctcttca tttttgccac 660
ctctctgtca tttacaggct tttt 684

<210> 1442
<211> 166
<212> DNA
<213> Homo sapien

<400> 1442
aaaaaatcag cccctaattt ctccatgttt acacttcaat ctgcaggctt cttaaagtga 60
cagtatccct taacctgcca ccagtgtcca ccctccggcc cccgtcttgt aaaaagggga 120
ggagaattag ccaaacactg taagctttta agaagaacaa agtttt 166

<210> 1443
<211> 194
<212> DNA
<213> Homo sapien

<400> 1443
tttgccctgt caaaagaaga gctaaagaca gttatataaa aattaaggtg ggctttcaga 60
ctggctaaca caacaacatt ccatgagtag atggtaattt atttttgttt atccatttcg 120
ttgggagcaa ggacaaaaat gtaaatctac accttgctta tcaaaattgc cgaaaaaaga 180
atgctctgcc tttt 194

<210> 1444
<211> 96
<212> DNA
<213> Homo sapien

<400> 1444
gagagtcgag agtgggagaa gagcggagcg tgtgagcagt actgcggcct cctctcctct 60
cctaacctcg ctctcgcggc ctacctttac ccgccc 96

<210> 1445
<211> 365
<212> DNA
<213> Homo sapien

<400> 1445
gggatgagct gaccaagaac caggtcagcc tgacctgcct ggtcaaaggc ttctatccca 60
gcgacatcgc cgtggagtgg gagagcaatg ggcagccgga gaacaactac aagaccacgc 120
ctcccgtgct ggactccgac ggctccttct tcctctacag caagctcacc gtggacagga 180
gcaggtggca gcaggggaac gtcttctcat gctccgtgat gcatgagggt ctgcacaacc 240
actacacgca gaagagcctc tccctgtctc cgggtaaatg agtgcgacgg ccggcaagcc 300
cccgctcccc gggctctcgc ggtcgcacga ggatgcttgg cacgtacccc gtgtacatac 360
ttccc 365

<210> 1446
<211> 386
<212> DNA
<213> Homo sapien

<400> 1446
tctggaaagt tcttgctcgg gtcccttcac ctccccgccc tttcttarag tgcagttctt 60
agccctctag aaacgagttg gtgtctttcg tctcagtagc ccccacccca ataagctgta 120
gacattggtt tacagtgaaa ctatgctatt ctcagccctt tgaaactctg cttctcctcc 180
agggcccgat tcccaaaccc catggcttcc ctcacactgt cttttctacc attttcatta 240
tagaatgctt ccaatctttt gtgaattttt tattataaaa aatctatttg tatctatcct 300
aaccagttcg gggatatatt aagatatttt tgtacataag agagaaagag agagaaaaat 360
ttatagaagt tttgtacaaa tggttt 386

<210> 1447

<211> 261
<212> DNA
<213> Homo sapien

<400> 1447
aaaattataa ctactcattc tttctttagc cttagttaat ttgagcagaa gccacaacaa 60
gcaaaccaca ataaatttag aattggcaga aatccacatt aactcctctt cccaagtttc 120
cacactacta ccatttacag ttgtaggttt gtaatgtata attatgtaat gcagaaacta 180
gctttgactt gtgtaacgat gcactgtcaa agtaagcaaa gtaagaattg aaattccaca 240
ttcccagaat ttaacactca g 261

<210> 1448
<211> 404
<212> DNA
<213> Homo sapien

<400> 1448
aaaaaaagga aaaagtttta ttacgaaact agtttgtata aaacagggtt atacatattt 60
ttgtaagttt gtaataaaac agtaagaaaa aaaaggcagt aatagaaatc tccaaaaggc 120
aacctatcaa aaccaactgg ctgccacttt gagtttggac agtagctgca taaactttgt 180
tcttcttgaa cagtatttaa taacatcatt aatacattaa caacatttct ataaagtaag 240
acacattggt gctgaagtac aactggtggc ctcttgatct cacctatgag gagagttctt 300
tacaaaacca catagggaaa attgcagttg taaggtgaac tacacatcta aaatatgcag 360
aggtaatagc attacatgtt aaagtatcaa gatatacaca tttt 404

<210> 1449
<211> 230
<212> DNA
<213> Homo sapien

<400> 1449
aaaagttcta gtggtacggt aggagctttg caggaagttt gcaaaagtct ttaccaataa 60
tatttagagc tagtctccaa gcgacgaaaa aaatgtttta atatttgcaa gcaacttttg 120
tacagtattt atcgagataa acatggcaat caaaatgtcc attgtttata agctgagaat 180
ttgccaatat ttttcaagga gargcttctt gctgaatttt gattctgcag 230

<210> 1450
<211> 194
<212> DNA
<213> Homo sapien

<400> 1450
aaaaactcct tttggtttac ctggggatcc aattgatgta tatgtttata tactgggttc 60
ttgttttata tacctggctt ttactttatt aatatgagtt actgaaggtg atggaggtat 120
ttgaaaattt tacttccata ggacatactg catgtaagcc aagtcatgga gaatctgctg 180
catagctcta tttt 194

<210> 1451
<211> 106
<212> DNA
<213> Homo sapien

<400> 1451
aaagatgaca aatactggtt aattagcaat ttaagaccag agccaaatta tcccaagagc 60

atacattctt ttggttttcc taactttgtg aaaaaaattg atgcag 106

<210> 1452
<211> 349
<212> DNA
<213> Homo sapien

<400> 1452
ctgcagatcc tgcggaacgt cacccaccac gtttccgtga ccaagcagct cccaacctca 60
gaagccgtgg tgtctgctgt gagcgaggcg ggggcgtctg gaataacaga ggcgcaagca 120
cgtgccatcg tgaacagcgc cttgaagctg tattcccaag ataagaccgg gatggtggac 180
tttgctctgg aatctggtgg tggcagcatc ttgagtactc gctgttctga aacttacgaa 240
accaaaacgg cgctgatgag tctgtttggg atcccgctgt ggtacttctc gcagtccccg 300
cgcgtggtca tccagcctga catttacccc ggtaactgct gggcattta 349

<210> 1453
<211> 302
<212> DNA
<213> Homo sapien

<400> 1453
aaaaataatg tgcaagagca tcatgagaaa gaagaggggt gaagagataa tccagaggaa 60
catcaaatgt aagagtatac actcaaagac aggtttaaga aagaccagtc agagaagtaa 120
agaaaaaaat caagcaagaa taatgttgca aaaattaaca agaaagttgc aagcccagag 180
tggttagcaa tgccaaacta ccatgagtaa gccacataaa acaagaactt tgggttcaac 240
tgctttaaca atcagacctt tagattcaca taacaggagt tacaaaatta agagcctctt 300
tt 302

<210> 1454
<211> 268
<212> DNA
<213> Homo sapien

<400> 1454
caagcgtaaa ccgcgggagc cgagcccagc taggaatgca gacctcctga aaaccaagcc 60
gaggactgcg gggtccggtg tccacgcaga gtgtcagctt cctctggtgc aaccagcaag 120
tcttccagta tgaatcccac agaaaccaag gctgtaaaaa cagaacctga gaagaagtca 180
cagtcaacca agccaaaaag cctacccaag caggcatcag atacaggaag taacgatgct 240
cacaataaaa aagcagtttc cagatcag 268

<210> 1455
<211> 207
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 1455
ctgtcgagag cagccctgcc caagawtgnc gggtgggggc tggtgccaac gggttcccaa 60
ggsccttttcm actttkgaak ggctggartt cttgggaaac cmaaacsktg actacctgsc 120
ttttttcttg ggcatygacs tgcttcattt ccaaaratga tggkgcaggt gacctttcc 180

atcgtgagct aaaaaaaggt taggagg 207

<210> 1456
<211> 181
<212> DNA
<213> Homo sapien

<400> 1456
aaatttctgt ctgctaaaat ctatcaaata cattaaggaa aagtcccact tggcacatct 60
cccacaccag atgttaatta ttcatactgc atgactgagg attttggagg cagagagaga 120
ttcatctgca atatttggaa caccaatgga ggtctacgtc aacacagaat ttatacagca 180
g 181

<210> 1457
<211> 309
<212> DNA
<213> Homo sapien

<400> 1457
aaaaagwtca gagttgaaat gcctttcaac cattkccttc tgtggtcatt tttcttgctg 60
ccttttttcac ccaagattca gcagtcagat gtttactgca cacctattac ctattatttg 120
ctgttcttgc atggttcaaa ccaccattct gtagccaccc atcctttgcc ttatctaaca 180
aacatttttc caggaaggtg gaaaaggaag tgttgctctc attgtgtgac tcagtgctgc 240
tgtccatccc atggaaacat gggcacaatc aagtatttgt ccagcctatt gcaggctttt 300
cctgacttt 309

<210> 1458
<211> 117
<212> DNA
<213> Homo sapien

<400> 1458
aaagactatt gagaaatagg aaggtattga gagattattg ggtttcatca kagcagactt 60
aagtagcctg gttgatttta gatttgtcac agcaaaatca tgcttggatg ctcgagg 117

<210> 1459
<211> 575
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

<400> 1459
aaagaatgca taccagaaca tttataagca gtggagtgag kthtattaag aatagtacta 60
ctacaataaa cgctggctaa ataagaagtg cattatgtga agcactatgg gtggtatatg 120
cttwgmcaca tactctkgtt accttgaggy agatmacrca tgkgaaccaa cttcggcata 180
cattttcagt tgctgcgagg aatcatgtgt tttaacgaaa tgcgtcagta tgaaaaactt 240
gaaaatattc atgaatgawg aacgcmttag gaaaaaaata kstattctca tgcaattatg 300
tacagtctca ctgtgtarat ctcaaggcaa ggtttgcctc ctgtaaacca gatcaaggtg 360
ctatgagaga ncgccytgnc ttattgcatt tcttttctcc tmctgcgcca gcattatatt 420
gctctagnct ttatttttgt gtgcacactg acatgccatt aaaratgang ractatctca 480

catgtagaaa argaaagnmc ttggankcta cctcaggtcg ctaccacgct aagggygaat 540
tctgcaggat atccatcaca ctggcggcgc gattg 575

<210> 1460
<211> 444
<212> DNA
<213> Homo sapien

<400> 1460
ctgggggttc cttccttcac gttgagaacc tggagcagag agtctaccaa cttaagaaat 60
attagaaaga gttcagcaaa cagagtgagc tgaagtctaa tcctagaagt aaatccattc 120
ctacaagtca tcagcatcac ttgggagctt gttagaaagg caaattcttg gttcagccta 180
acacctacta aatcagaaac tctgggggcg gagcgcagca atctgtactt tcacaagccc 240
tgcaggtgat tctgagcctg taaaatttga gaaccagagc tgtcccccag gagataaatt 300
aacttctact ttttttgag ctactgcatt ttgggatctt attgttttat cagcttaaca 360
tgcatcctga tatgattact caggtatgtt tcaaccaatg ttggttaatg tattatcccc 420
aggaacttat tactagagga gcag 444

<210> 1461
<211> 536
<212> DNA
<213> Homo sapien

<400> 1461
ctgcaacccct gggactgacc gggaggctct gattatttac ccmaccacag gtaggttgtg 60
ttctgaatct caggttcaca ggttaaggtt cagcatcctc atcctccacg gggttggagt 120
tgttgctggt gatgaagggt ttgggtggct ctgcatagac tgtgatcgtc gtgactgtgg 180
tcctattgag gccactggct gagttattgg cctggcaggt atagagtccg ctgttcttct 240
cagtgatgtt ggagataaag agctcttgtg tgtgttgctg gatgttccca tcaatcagcc 300
aagaatactg tgcaggtggg ttagaggctg catggcagga gaggctgagg ttcacccctg 360
gacggtaata ggtgtatgag ggggaaatgg tggggkcrtc ygggccatag aggacattca 420
ggatgactgr gtcgctgtgs tyarcactta atkcgttctg gattccacac tcatagggtc 480
ctacatcatt ccttgtgaca ytgartagag tgagggtcct gttgtcattg gacagm 536

<210> 1462
<211> 409
<212> DNA
<213> Homo sapien

<400> 1462
ctgakagacc aggagaagtt ccagatgcag agactgtgat gctcttgact atggaattat 60
tgcggccagt agccaagtta gagacaaaac aggcataggt cccgttatta tttggcgtga 120
ttttggcgat aaagagaact tgtgtgtgtt gctgcggtat cccattgata cgccaagaat 180
actgcgggga tgggttagag gccgagtggc aggagaggtt gaggttcgct cccgaaaggt 240
aagacgagtc tggggggaa atgatggggg tgtccggccc atagaggaca tccagggtga 300
ctgggtcact gcggtttgca ctcactgagt tctggattcc acatacatag gctcttgcgt 360
catttcttgt gacattgaat agagtgaggg tcctgttgcc attggacag 409

<210> 1463
<211> 502
<212> DNA
<213> Homo sapien

<400> 1463

ccttcagcct ggatccttta tattaagatc aatgaggacc atttctggaa gatgtctggc 60
atggtacaga ctgtctgagg ccractgaac acaggccctt accctgattt tatcagtgaa 120
aagctatggg actagtttcc ttacctctaa aatggagaga ataatagaat cttccgtcta 180
agactkctgt gagcataagc cgagaaaatg gaggtaaact gcttagccca atacttggat 240
tatcgtaaat attcagtaaa actagccacc gttgttattg taattattat tttgtatttt 300
attatacatt tcatggaaac ttaaaagtta gtgataatca cctcattttc agttgccttg 360
ctttcttcct gtaaatttta ttctctctta tcttgctcac tgtctttaag cattgccagt 420
ttagtataat tattttcccc tatcctctat aaaatcatat acaggatgga tttgttgatc 480
tcagacatgt tcactgagtt tt 502

<210> 1464
<211> 294
<212> DNA
<213> Homo sapien

<400> 1464
ggcggctcgg actgagcagg actttcctta tcccagttga ttgtgcagaa tacactgcct 60
gtcgcttgtc ttctattcac catggcttct tctgatatcc aggtgaaaga actggagaag 120
cgtgcctcag gccaggcttt tgagctgatt ctcagccctc ggtcaaaaga atctgttcca 180
gaattccccc tttcccctcc aaagaagaag gatctttccc tggaggaaat tcagaagaaa 240
ttagaagctg cagaagaaag acgcaagtcc catgaagctg aggtcttgaa gcag 294

<210> 1465
<211> 249
<212> DNA
<213> Homo sapien

<400> 1465
gtgcaggtct tcagccgtga cccggtaccc cagctctaag ggaggtggca gcatcaaagg 60
ctcccctcgc ctgcgtggca gcaggggaat cttgcgtcta cggggcctag agtcatggga 120
tctgggggag ccacccctgg gggcaagtgt ctgccctggt gctgtacctg ccttgttttc 180
acagcggtga cccgaagaga cagcctgagg tccgtcctca ctcactgtgt ttgaggaact 240
gtgggccag 249

<210> 1466
<211> 203
<212> DNA
<213> Homo sapien

<400> 1466
cctcagacac cttttaattg cttaggagaa accattgtct ctgactgcag gtttgaataa 60
gttgaagacc agagaaaagt acacactggg ctacaaagga atttggagat agccaaggaa 120
caggatttcc cctagcaagc taccttctgt tcaaatcatg aaaaaagact atttcccctt 180
agaataggga agcttgctat ttt 203

<210> 1467
<211> 223
<212> DNA
<213> Homo sapien

<400> 1467
ctgtcagaac aggaacgacc tgggttatgg aagcccagaa agggaggagg acttcttttg 60
gtcccagtga aagatgcttc cagaatctgt agccttactt atttgcttgg atctcactgg 120
aataacttgg tggtgaggtc accggttctg ggtgatcac tgggtttgct gcatagatgt 180

ttggatagat gacactcaca ttgcttgatt gacagcagac caa 223

<210> 1468
<211> 177
<212> DNA
<213> Homo sapien

<400> 1468
ctgcattatg tgtgtttaga acgagaagtt gtttgtacag tatttttcta ttgaccgctt 60
ccgtcttgcc tgaaacctgg gcattctttc caatagacag aaaatcagag agtcaaatct 120
gatgcgcaat gagttgttct gagaccagta atccacggtg ctgcaatttg ggttttt 177

<210> 1469
<211> 185
<212> DNA
<213> Homo sapien

<400> 1469
ctgaagctga gaagtagcct atctatggar gagacttttg tttgtgttta attagggcta 60
tgagagattt caggtgagaa gttaaacctg agacagagag caagtaagct gtccctttta 120
actgtttttc tttggtcttt agtcacccag ttgcacactg gcattttctt gctgcaagct 180
ttttt 185

<210> 1470
<211> 482
<212> DNA
<213> Homo sapien

<400> 1470
ctgaccagga gggacggttc tgtggacgag gacttcgtag ctgaggagcc agatttcttt 60
ttggtccctt cctcctggaa tggaatcgtg gcgctactgt ggagatctga gttgatgtag 120
cacctgcttc ctcggatgta gtccgcaccc cggaccagat gccgctcggt cgtgggtctg 180
gagaaccggt atgggggaga ggagctctct tcaatgatcg gaggaatccg ctcgttactg 240
aaataccggc aaagggcatc ctccccttcc ctgccatgac ctcgaggtct ggcaaaaggg 300
tccacaatcc ccatccagtt cccatcagca ggcatggaca aaggccgtgg cttgccttca 360
gagggacgag aaagaaggtg acaagtttga tgagttctgg aactttagtg aaccgttccc 420
tttatgtata acttagacct cacaatacca cacccactta gacagaagca ataacaaatt 480
tt 482

<210> 1471
<211> 257
<212> DNA
<213> Homo sapien

<400> 1471
tgtgtgaact tagactkwtc aattcaacat ttttaacrta tkaaatacta ttgtgaattc 60
aatgaagtgt tcttatgcca ctaactttaa cctattccct tactcamgga tgtaggyaaa 120
rgatggtaac aatacactat tkggcaagat aatgtmctga catmtytagc aatsttttt 180
gmcagtggct tkcaactgma mwkaaskkam mkaatattgy tkctgtwsgt arattattat 240
tctgwywyta atcattt 257

<210> 1472
<211> 342
<212> DNA

<213> Homo sapien

<400> 1472
cttttgcgag cctctgccgc agcagctccg ttttcacgcg catctcgttt ttgtgtgtgt 60
gtttttgttt tgtttttgtt tttgtttttt tgtttcagag aattggaagc taaagctacc 120
aaagacgtag aaagaaatct tagcaggtaa gatgggcgag ctttccgtct cccgccccac 180
gataatcgta tatttctact ccgattcgcc ctttctgggt tgagaagttc ccccgtgaca 240
ttttcttccg cacccggaga gcagacattc gggagaagcg gcctgggggа atactggagg 300
gattgcgggg agatgcgtaa ttacgcgtgt gtttctttct tt 342

<210> 1473
<211> 526
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

<400> 1473
ctgctacatg tcttcacagc ccaggaattc aaggcccagg tggcagcagg aagaaacagt 60
ggaaaagcaa ggggaagaga aaagagaaaa aggaggggga aagtctgcat aactgtcata 120
acctctgctt ctcctgctct gtaacaaacc cacaaccagg aagagtcatg gtctggaaca 180
atcatgggac cccaaacgcc tgtaggtttt ttaccaccaa acatcaccca tggctgctct 240
aagctgtcat tttgttccca cagttaccta gcatcacgga tgcccaattt atggcccagg 300
aaggctgacc caggctaagg gcagtctcac tccacagcca tgcaatggac agtctgaatg 360
tttcctaccc cagaccttta ctgacctcta ctatttcctc ctctgatata aaagaaaaac 420
acttttaatt ttctnctgca tnctacatct cctnctaaaa antttggcct aattgncatc 480
aaaaccttgt aggaatctga aattttggtt cttctgaatc ttancc 526

<210> 1474
<211> 187
<212> DNA
<213> Homo sapien

<400> 1474
aaacttgttt gctgtgaaca attgtcgaaa agagtcttcc aattaatgct ttttatatct 60
aggctacctg ttggttagat tcaaggcccc gagctgttac cattcacaat aaaagcttaa 120
acacattgtc caaaaaaaaa aaaaaaaaaa gccccykccc sgggggscck ttmaaggggr 180
aawtccc 187

<210> 1475
<211> 474
<212> DNA
<213> Homo sapien

<400> 1475
ccattctctt tatctcaaac cgaagaaaga tatgatgcag gcagtagttt tttcttagtg 60
cctcatagta tctaatagca gaaagtgagc cgcatagcgg agcacattag tttttatgta 120
tctacaggac agaagggcca cttagctgat ggctccaggt ttcctttgat ataatctaat 180
gttcctatga cctcaaagac tgaacacatt tccctaagtg cttcacttag cacccaggag 240
caacttggag tcttcgcaga ataaaatcca ttattttaat gtagattaat acatgggtac 300
ttatatctat gcaggtctat aatagtttat tcctatgtaa gctttattaa aagcattggt 360

atgttttaca taaaaagtta atgtgaatat tagaaaaaaa ggacaatatt aaagcagttt 420
gtagaatttg ttccccccccc aaaatgaatg aaatacacaa tagatgtaca aaaa 474

<210> 1476
<211> 401
<212> DNA
<213> Homo sapien

<400> 1476
ccttggggac agggcaggag gacgcacacc tcatggacag ggcggccagg gctgagatac 60
cagcggggtg ggtattcccg gcgggtgctt acctccaaca gtgtcttgtc agcaaaggcc 120
atgatgccct caaagatgat gacgtttgca ccatacagtg ttttctgtga agaaacccag 180
gagttgcgga gcctggctca tgtgcctgca gccccccgag gcccccctctg cagggccctg 240
gcctacccag tccttcttcc ggctgtgcgt ggtgaagtca taaatgggca ccttgacact 300
cttcccctgc ttcagcttct tgagggtgga aatgatgaag gtcgaagtca aaaggcatct 360
ggggtgggtc gaaagtttga aagtttgctt gtggtgccgg g 401

<210> 1477
<211> 753
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

<400> 1477
cagcatgctt aaaaagttgg aggaattgga acagaaatac acctwmcaac ctkrmcctnt 60
taccaaaaac aaacnagtgg tatkggamcc saccttttmrk ctttttcmac macttatttc 120
aaagytsrtt kgtggkgaaa agmcacycyk snatscywcc rcacccttgw aggcygttgg 180
acttratаac akknctgctn atnwntgtga ggggtgatay tgatgrtgaa attgcactta 240
gctgggttat aattkgaaag tcaaagtctt atttgataaa gatgtgaatg agagaaatac 300
agtaaaagga tttaggaagt tcaacatttt gggcacgcac acaaaagtga tgaacatgga 360
ggagtccacc aatggcagtc tggcggctga atttcggcac ctgcaattga aagaacagaa 420
aaatgctggc accagaacga atgagggtcc tctcatcgtt actgaagagc ttcactccct 480
tagttttgaa acccaattgt gccagcctgg tttggtaatt gacctcgaga cgacctctct 540
gcccgttgtg gtgatctcca acgtcagcca gctcccgagc ggttgggcct ccatcctttg 600
gtacaacatg ctggtggccg gaacccagga acctgtcctt cttcctgact ccccttgtg 660
cacgatgggc tcanctttc anaagtgctt gagttggcag tttttcttnt tgtcacccaa 720
aagaaggtct caatggnggg acccanaacc ttt 753

<210> 1478
<211> 421
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 1478
aaacctatac tcactttccc aaattgaatc actgctcaca ctgctgatga tttagagtgc 60

tgtccggtgg agatcccacc cgaacgtctt atctaatcat gaaactccct agttccttca 120
tgtaacttcc ctgaaaaatc taagtgtttc ataaatttga gagtctgtga cccacttacc 180
ttgcatctca caggtagaca gtatataact aacaaccaaa gactacatat tgtcactgac 240
acacacgtta taatcattta tcatatatat acatacatgc atacactctc aaagcaaata 300
atttttcact tcaaaacagt attgacttgt ataccttgta atttgaaata ttttctttgt 360
taaaatagaa tggtatcaat aaatagacca ttaaccaana aaaaaaaaga aaaaaaaaaa 420
a 421

<210> 1479
<211> 214
<212> DNA
<213> Homo sapien

<400> 1479
ggaaatatat aataaaaatg ttaaccagaa ggtaaacttg agtgtaattg tcagacagac 60
acacttttcc accagtgtat ttgaatttta gaccagtgac cctgttttgt ggcattcatg 120
caaaacatgc tgagggcttt gttcatctgg tcatcgtgtc caaatttcag tcatgtttgt 180
agcaagattt tggaagcatt catatttcct tttt 214

<210> 1480
<211> 434
<212> DNA
<213> Homo sapien

<400> 1480
ggaggccgct tacgtaaagc ccaggggaca ttcaacagcc cctactaccc aggccactac 60
ccacccaaca ttgactgcac atggaacatt gaggtgccca acaaccagca tgtgaaggtg 120
cgcttcaaat tcttctacct gctggagccc ggcgtgcctg cgggcacctg ccccaaggac 180
tacgtggaga tcaatgggga gaaatactgc ggagagaggt cccagttcgt cgtcaccagc 240
aacagcaaca agatcacagt tcgcttccac tcagatcagt cctacaccga caccggcttc 300
ttagctgaat acctctccta cgactccagt gacccatgcc cggggcagtt cacgtgccgc 360
acggggcggt gtatccggaa ggagctgcgc tgtgatggct gggccgactg caccgaccac 420
agcgatgagc tcaa 434

<210> 1481
<211> 131
<212> DNA
<213> Homo sapien

<400> 1481
aaaatcccca taaatctttt ctgtcctgag gtagttgcaa aataaatcat aacttggata 60
tcaactagag ctgaggcttt gactttttac tcattaaaac tagttgttac aggaactacc 120
tttagatatt t 131

<210> 1482
<211> 324
<212> DNA
<213> Homo sapien

<400> 1482
tgctcgctcc tcagaggctg aaaacatgag aagctaggtg tggtgaaacc aaagcagctt 60
tattgttcaa atgctaaaga cgggaggatg gactggctca agccttaaag aaaccatctc 120
gacttttga actcagtgaa cgggtttaag gaaaacgtgg gaaatatgca aaggtggtgc 180
aggagggtgc aggtctgtgt gtcttattcc catggatatc ttgagtaatc gcttgtccag 240

aggtggggtt tgtgtcatcc tgaattcaac ccagcaatgg tagggtactg ttcataactc 300
accctaagcc agaagattcc tcag 324

<210> 1483
<211> 393
<212> DNA
<213> Homo sapien

<400> 1483
atgtttaatg aatgatacag gatacatccc tgttggaagc ttgcaaaaga cacatacact 60
gtggtacata tttgatttaa tagaagttgt ttatcaggct atatatatat ttgcccaaac 120
atgcaccaca ggataaaata actatttaca taacataggg tatttaattg acatagacta 180
tcagctttgc tgagagcaga agatggcaaa gcaatactgc agcagaaagt ggaacaacta 240
ttctaaagca atactttaga tatatttttc tagaatggat ttattagatt actttttgga 300
aagcatttga cctaaattaa atatagagct ctgaaactta gaataaaatt tgcacttgct 360
gaaacagaat actttgcata aaaataatcc ttt 393

<210> 1484
<211> 323
<212> DNA
<213> Homo sapien

<400> 1484
tttagatcag aaagtttgag gtcttcatca gcagacactc gtgcttctat ttttcttgtt 60
ttatcgaaca gttctgaaac tttgagaaaa aacttgcata tatctgtaga atcctgagtt 120
cctaaagcat ataatgaaga accaattcta ttgtaatcat ctgcagcact tttgtgggat 180
cttgtcattc tatcagattt agcagatgca tccttaactc ggttatgata ttccaaaaga 240
aatgttcgtt cgtgctcaaa gaaatcatct acatccttta ctcctgaaac gattactcca 300
tctgctgatt taaccatgtt ttt 323

<210> 1485
<211> 405
<212> DNA
<213> Homo sapien

<400> 1485
aggagcgtca ggaaaacacg ggcagcctgg gctctgaccc gagccactcc aactccacgg 60
ccacgcagga agaagacgag gaggaggagg agagttttgg gaccctctct gacaaatact 120
cctcccggag actattccgc aaatccgcag cccagttcca taacctgcgg tttggggaac 180
ggagagatga gcaaatggaa ccggagccca aattatggcg aggccggaga aacacccccgt 240
actggtactt cttgcagtgc aaacacctga tcaaggaagg gaagctggtt gaagccctgg 300
acctgtttga gaggcagatg ctgaaggagg agcgattgca gcccatggag agcaactaca 360
cggtgctgat tgggggctgc gggcgggttg gctacctgaa gaagg 405

<210> 1486
<211> 230
<212> DNA
<213> Homo sapien

<400> 1486
aaaaatatgt ggattgtgct tgacgtagca aatttcttct atctgcaaaa gcccttttct 60
cactacctca tatacacccc tttgatatgg caccatgttt gaaattggag cgtacacaca 120
tagtcattgg atttactggg attctctttg tgacaagtag gagccaaggg gtcatgcagg 180
gaagcgaacg tgcccgataa ggatttcctt gttgccagag tgtttagcag 230

<210> 1487
<211> 273
<212> DNA
<213> Homo sapien

<400> 1487
tttccactct gcacattgta gagggaacac tctgtaggcc catgggtccc ttactagaga 60
ggttgagtga atttgccttc agttaacatg ggaccttctg tttagcttcc tcttgcttcc 120
caaagatttt aagcattttg taaatgtata aactcacctc tggtaacagt ggcccagacg 180
ctgctttgtg ctaaaagcat gggaaatgta aaggcagtct ttctctggga aatggatgct 240
attctattct gctgccccta cctgttcctg agg 273

<210> 1488
<211> 452
<212> DNA
<213> Homo sapien

<400> 1488
cctactgtgc cccgtaggca aagctctgaa gatttcatcg aaaaatctgc tgtcaatacg 60
tagaaaagtt cactatttca gtttcacagc aaaaaaggtg gggggagggg ggaacccaat 120
agatatttaa gtagatgctt tccaatccca ttcactgcat taattagctt acctcttata 180
cagtacaaca taaacattgc atgtttattt gtatgtaaca cctataagca tatagcatct 240
acattttaag tgtatttaca aattcaacaa aatatctaca tataaaaagc tttacttaaa 300
attaaacttg atgcaagtta tgagaaacca atttattggc aaatgaaact gagcattcct 360
tcaaccatag gttgttatag attttcatat ttggaggtaa cccatttgat agatattgtt 420
tatgaatacg atagaatata tatttacttt tt 452

<210> 1489
<211> 653
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(653)
<223> n = A,T,C or G

<400> 1489
cctgctcttc tcttcaaagc acttagtaca cagggktaca ggtgctacca cttggattcc 60
ccagagcatg gaagtctgat cccaggttga acatatttct tctgaaaatg agcatcttgg 120
ttctatagat tcttatcttg ctcacaggac ttgctccaaa actgaatttt cagaagcagc 180
atgataggga aagagatatt caactctgac agacaaggta gatcgaagca cccacactaa 240
tttctttcag gtgccccatg aggaagactg catcatgtca cttccactca cttggggaga 300
ttctaggact gagacacaaa gttccccccag agtttctgct aatggaaggg gaaacaggtg 360
gtttggaatg gaaaggtgga accaggtcca caaaatgtgc tccctctgct caagactgac 420
tttggctttc ccaggtcccc acttgacttt catataagct gagatgacct attacgggaa 480
aaattaggga acacctaata aaaccaactt tcaaaaactc ctatttatca tggatgtgcc 540
acgatcgaga gaatcnaaca cnaactgnct gtnagagagg ccttcattnt gnctcatctt 600
gagctaaaat cctgrcttgg gatgccagaa ancatgnccc tcttntcggt ttg 653

<210> 1490
<211> 363
<212> DNA

<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 1490
taacctgaca aaataaaact tagtaaaatc takaactgtt tcttggccta cttgagagga 60
acttccatat tttcacagcc atctccgaaa gcagcagttg ctgtaaatta actgagactt 120
ggaaatggtg cagactgtct tggtagagct gttcttatag cacaatttta tctggaaaat 180
aaacttgtaa atgcgtgctg tatattaata catgtgtgcc catatttatt tttattatct 240
cctgccagtc tttgctcaat gggagatgac agaccaactt ctcaacgtga tttccccatt 300
tcattgaatg agatttatat gccactttatg aaaaaaaata ctgctgngaa agaaatgtac 360
ttt 363

<210> 1491
<211> 163
<212> DNA
<213> Homo sapien

<400> 1491
taatcagccc ctaatttctc catgtttaca cttcaatctg caggcttctt aaagtgacag 60
tatcccttaa cctgccacca gtgtccaccc tccggcccccc gtcttgtaaa aaggggagga 120
gaattagcca aacactgtaa gcttttaaga aaaacaaagt ttt 163

<210> 1492
<211> 184
<212> DNA
<213> Homo sapien

<400> 1492
yattccccag gggaaaaatt gaaagtcaaa ctattcacca agagaatgca ttgtctttgc 60
aaatgagcct aagaatcaga ctttttataa atacatgttc aagtttcttg tggttctaaa 120
tggacactga gaactgaaac tgtctacacc aagtttacaa tctatattaa ctatcattwt 180
acag 184

<210> 1493
<211> 273
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 1493
aggtaawttg tgatatttag tgcacattta cgtgtaggnc crtcttkaat ggtaaagaca 60
gatacaagcc tatggcacac ttctccaaag caagctatac ttgagagcca attcccaaat 120
aagacagcag agatctgatt aaatgcaact gtgcaaacat tcaacagaca tgttgaatgt 180
aagacaaatt atgattactg ataatatgca aatgtggtct ataaatttat gaatgtgact 240
tccaagggga atatggtatg gaagcccatt ttt 273

<210> 1494
<211> 343
<212> DNA
<213> Homo sapien

<400> 1494
ttggaaagcc tatcactttc tctcttcatt ctccagcccc cacaccaagc acacagagct 60
tttcagtgct ttactcttaa tggagaacat aaccagggat tatcaggtat tccaacatga 120
aaaagaaagt ccaatagaaa caagcaggat aatcaaacca ggaggaagca gagactatat 180
agagaaagaa aaaaagacac atgggaataa cggcaataat actgacaata cacctcacca 240
taaacttatc agaatgaatt tgttggagaa atatatggag gggaggtact tgtgtgtgtg 300
cacaggcact catgtacacg tgtgtatgtg tatgtttttt taa 343

<210> 1495
<211> 378
<212> DNA
<213> Homo sapien

<400> 1495
tagcattctt ccagccactc tggcgtcact atgtgcttca cgacagaaat cgccgtcagg 60
aacttcacgg tgcgagtcac tttgctggca atgaggtgtg tgcacttctg tgcagactcc 120
gcaacctctc caccaagaat gtagagcttc ttaatatact gttgaacctg gacaggctcg 180
aatccagtga aaagcacaaa aggggtcaat tctggagtta gctttttagt gggaggtggt 240
acgtcttcaa ttctggctct tttggaagaa ggctggacat tagctacttc attctgtttc 300
agtttgggag gtagtcttat actcatcaac aactctgcag acacttttaa gggaactctc 360
caagcatcta aaagattt 378

<210> 1496
<211> 181
<212> DNA
<213> Homo sapien

<400> 1496
tggagaagga agttttcctg aagagccaga atccttgcta agtcatttag atccaactga 60
ccatctttat ttctgtcaaa aatcttcatc atggtgccag tgtattcttc cagtttagcc 120
tcagaaatgg ccttttttgtg gtgaagaaag aggtctcgga ggaagttgcg gagctcagca 180
g 181

<210> 1497
<211> 373
<212> DNA
<213> Homo sapien

<400> 1497
tggaagctga tccaccttga gatcaagccg gccatccgga accagatcat ccgcgagctg 60
caggtcctgc acgaatgcaa ctcgccgtac atcgtgggct tctacggggc cttctacagt 120
gacggggaga tcagcatttg catggaacac atggacggcg gctccctgga ccaggtgctg 180
aaagaggcca agaggattcc cgaggagatc ctggggaaag tcagcatcgc ggttctccgg 240
ggcttggcgt acctccgaga gaagcaccag atcatgcacc gagatgtgaa gccctccaac 300
atcctcgtga actctagagg ggagatcaag ctgtgtgact tcggggtgag cggccagctc 360
atcgactcca tgg 373

<210> 1498
<211> 337

<212> DNA
<213> Homo sapien

<400> 1498
gctcttgtag tgcttttctt ttaagggaga tgtagtaaaa gggaaaatgt agctcttagt 60
ttacacttca aagatgtggg ggtctttcag agaactaaga ataacagttt tatgtgcaga 120
gagagtttgc cagatctgaa gcatatacct cattgactag gctgttactt tgggataggt 180
tgcagtacca gccacagcca gcagatagag gaaaagacac acataaactc gcttctgagc 240
gtccacttct gcactctctg ctctgctgtt actcagcccc tgagtctgac tcatctctgc 300
acaacctctc tgtgccatga agataagtct tccatgg 337

<210> 1499
<211> 314
<212> DNA
<213> Homo sapien

<400> 1499
catgcggagg gactttagca tggctgataa ggtccttcct accattccaa aagaacagag 60
gaccagagtt gcacactttt tggaaaggca gggcttcaag cagcaagctc ttacagtatc 120
cacagatcct gagcatcgtt ttgagcttgc tcttcagctt ggagagttaa aaattgcata 180
ccagttagca gtggaagcag agtcagaaca gaagtggaaa caacttgctg aacttgccat 240
tagtaaatgt cagtttggcc tagcccagga gtgcctgcat catgcacagg attatggggg 300
cctgctgctt ttgg 314

<210> 1500
<211> 321
<212> DNA
<213> Homo sapien

<400> 1500
cctgaaacct ggtgggaaga tgattgaaag tgttttagat tcaacagatt gactatgtat 60
gacttatcta ttaaaatgaa gaacttccat ggtttaatag aatgaatgct gtattcaaca 120
aggtcttcca tccttcttat aaatcttaag actgtgttta agctttcttt cacttttact 180
ctatcccttg gaagttaatt gggaataaaa agatttatca atttagtcac tataatttaa 240
ggccaggcat ctgcttggaa atacaataac cacaattaat acttagagaa aattgtttca 300
acagattaac tctgctattt t 321

<210> 1501
<211> 557
<212> DNA
<213> Homo sapien

<400> 1501
ctgctctggg gaaaatggtg gaggagccag gcagagagga ggagcagagt gctggcagtg 60
gaaagcctag ctgagactgg agatgccccc ctgcccaaag catctcagcg aggatgcttc 120
tccatatggg tgagccagcc tagagacaga acaggggaag ccagcgggtg ctgcagcgac 180
ccaccgcccc agaacatctg catcttacat caacaaaggt ttatttctca ttaatatcca 240
ttgtgggttg gctgccactc taaccctcgt tgcctctcca tctgggtctt gggtggcaga 300
gcagcctgtc tctgtggcag aggaaaagag agcactgggc agcacaggct gactctcaaa 360
ttttccgcct gaaggtgacc caagtcactg ctcacatttc attgactaaa gcaaaatcct 420
atgcctgtgg gtgagttgag caacgtgatg aggtgttaac ttcctacagg gaggggctca 480
aatattgccc aacagtggta tggcccactg cctggggtgg tcggtggaag gctggcagga 540
caagggagac cacgtgg 557

<210> 1502
<211> 249
<212> DNA
<213> Homo sapien

<400> 1502
cctgcgggga ggcgcgctgc aagaacctgc ccggctccta ctcctgcctc tgtgacgagg 60
gctttgcgta cagctcccag gagaaggctt gccgagatgt ggacgagtgt ctgcagggcc 120
gctgtgagca ggtctgcgtg aactccccag ggagctacac ctgccactgt gacgggcgtg 180
ggggcctcaa gctgtcccag gacatggaca cctgtgagga catcttgccg tgcgtgccct 240
tcagcgtgg 249

<210> 1503
<211> 302
<212> DNA
<213> Homo sapien

<400> 1503
ccaggacctc ttttgggcat ttcttcctaa gtggaataca caacagataa gggagtaggg 60
gaggtaatac agggaagcta ctctttccag ctcagaagga gttgatgaag cccatatatg 120
cattcaagaa gcccatggga tcctctagct gtggatagtg gctaatgtgg tcatccagaa 180
tcgacactgt ggaccgcggc agcgttttcc tgtacagctc caaaaactct ggatagggat 240
ttacaggatc caatggccca tagataaaat gaatggggat agttacagag gcaagagctc 300
cc 302

<210> 1504
<211> 430
<212> DNA
<213> Homo sapien

<400> 1504
ccacgatatc aactatttgg ctttgtcagg tgttctctca aaaattggca gaagtggtga 60
gaatccgtat gccccgctga atctcctggc tgactttgct ggtggtggcc ttatgtgtgc 120
actgggcatt ataatggctc tttttgaccg cacacgcact ggcaagggtc aggtcattga 180
tgcaaatatg gtggaaggaa cagcatattt aagttctttt ctgtggaaaa ctcagaaatt 240
gagtctgtgg gaagcacctc gaggacagaa catgttggat ggtggagcac ctttctatac 300
gacttacagg acagcagatg ggaattcat ggctgttgga gcaatagaac cccagttcta 360
cgagctgctg atcaaaggac ttggactaaa gtctgatgaa cttcccaatc agatgagcat 420
ggatgattgg 430

<210> 1505
<211> 164
<212> DNA
<213> Homo sapien

<400> 1505
ccagtcacct tcaccttcta actaactagc ctccggatga ggtggctgcc accaggcccg 60
aatgatcccc aggagcccag cttccaaacc ccaacatcga atcaaacatc tccatcccca 120
agtgcagtaa cacacaaaaa ccaaacactc tgccctggga aagg 164

<210> 1506
<211> 189
<212> DNA
<213> Homo sapien

<400> 1506
aaaagtcata agggttttat tttgtatcat caaaatattc tataaggtcc caaatactct 60
ttttcaaccc atgaacagta agaatttgtg aattctgata atgaaaaaag ttttcctcca 120
ggtatgtttg tttcacattc agtcctaaag ccttgagcta tgtgtacttc cctcacacag 180
gaacaccag 189

<210> 1507
<211> 268
<212> DNA
<213> Homo sapien

<400> 1507
ctgcacagag gggcacggaa ctccaaatcc tggaatgcgg gtcaataatg tgaattctgg 60
ccctgaccgc cagacacaca gcaagcctga gtcatctgcc gtcaccatgt cagccacaca 120
atcctgtccc tgggcaggct cggtggcaat gtctgtgatt ggcatctggt gcccagccag 180
ctcctcgctc agtacaatgt tgggacccctt tgctgggatg tcaaacacca gcacccggcc 240
tgaccacgtt cccacacaga tgaagtgg 268

<210> 1508
<211> 159
<212> DNA
<213> Homo sapien

<400> 1508
aaagatggca aggcaataaa tgtgttcgta agtgccaacc gactaattca tcaaaccaac 60
ttaatacttc agaccttcaa aactgtggcc tgaaagttgt atatgttaag agatgtactt 120
ctcagtggca gtattgaact gcctttatct gtaaatttt 159

<210> 1509
<211> 234
<212> DNA
<213> Homo sapien

<400> 1509
ccattgtgga gtacattatg aacacaatgt gcttgykaag tcttctctct cattttcaga 60
cagcaattgt taagagtcac acacacgtcc cagacctaag cagcaactcc agtgaatggt 120
actcagacac actcacggga cagcacagaa cttgattctt ctttgtctgt tgcccaaaga 180
acctgttctt tgagtctgtt ccaggtgact tgtaatgata cctcttacgg tttt 234

<210> 1510
<211> 437
<212> DNA
<213> Homo sapien

<400> 1510
aaagcagtac atcttaatat gaagacagga atttctatga tgcttacgaa cattagactc 60
aacatttttg cagccccctt tcctggtcta cattcacaca aacatgagac acagtcccaa 120
gggagaaaca gatgctggag gagcatttag ggccagagtg gaggcacaga ggaagctggg 180
atttttcaac tacccccctcc ttggttactc ctgggattcc cttaggattt cacggcacaa 240
ccagcgaaga gtttgctcag attcacttcg gagtagccac ttcgggacaa gaattgctct 300
gctgtgttct tgagttttct gtagtcctgc agaactttgg gggtaaaaaa ttgcttcttc 360
aatttatctt tctcatgatc ggtagtaagt ttctccagtg cacactccgc atcaaaaatg 420
taccggtaaa agcacag 437

<210> 1511
<211> 94
<212> DNA
<213> Homo sapien

<400> 1511
tgtgaagatg gagtctgagg ggggtgcaga tgactctgct gaggaggggg acctactgga 60
tgatgatgat aatgaagatc ggggggatga ccag 94

<210> 1512
<211> 493
<212> DNA
<213> Homo sapien

<400> 1512
aaaaatatgc attacaactg gagttttcca ctgagaataa gagtttggtt ttgacctcmc 60
ataaatccaa gggttcttga aaaaaaagtt aatataaatt ctcaataact atatcattaa 120
taccttatgt atacatagga gtttatataa tgcatttaag taacaaagaa tgtaacattt 180
attagccacc aagtaattag gagatagcat caattatatt gaaagaagat gagtttagat 240
gcttatagtc aagggagtta attgaaattg aaagctattg taggtggtta ctactattat 300
tatcaaacct gaaagttgga acatgtgaac ttgatccttt gcacacataa aagttcacaa 360
agctgctttt aatttgcctt tgttctgtag tactgcttgg tgaatcatgc actagtttgt 420
tgtaaaattc atgtaaactt ttatgtatac aaatgtcaga tcaagcacag gttttattaa 480
ttatatatat ttt 493

<210> 1513
<211> 510
<212> DNA
<213> Homo sapien

<400> 1513
aaatgaggat tattgatagt actcttggtt tttataccat tcagatcact gaatttataa 60
agtacccatc tagtacttga aaaagtaaag tgttctgcca gatcttaggt atagaggacc 120
ctaacacagt atatcccaag tgcactttct aatgtttctg ggtcctgaag aattaagata 180
caaattaatt ttactccata aacagactgt taattatagg agccttaatt ttttttcat 240
agagatttgt ctaattgcat ctcaaaatta ttctgccctc cttaatttgg gaaggtttgt 300
gttttctctg gaatggtaca tgtcttccat gtatcttttg aactggcaat tgtctattta 360
tcttttattt ttttaagtca gtatggtcta acactggcat gttcagagcc acattatttc 420
tagtccaaaa ttacaagtaa tcaagggtca ttatgggtta ggcattaatg tttctatctg 480
attttgtgca aaagcttcaa attaaaacag 510

<210> 1514
<211> 511
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(511)
<223> n = A,T,C or G

<400> 1514
ctggagatca ggaatagaac ctttccaaga tatcataata ttttctttat aggaacactg 60

agtaatggca agaatatttt gagcttttcc atggttaaga gcgatagtct cagaggctgg 120
agaaaatgtt cattctgctc agtgatccag gagtgtgagg acagtagctt cctttccacg 180
tccacaagac aatgacagat gtgtttcctt ctttgccctt tctagggatc tttctaggga 240
tgttgattct ctcacaatat ttcaatgtcc catttctgtg tttcttctcc ctccaggggc 300
tgatttacga ttacatgagt cttgtcacaa taatttcctc ctttaacatc aaggacaagt 360
tgatcactga gataagagct gatagttcca tttttattca gtctccactt ctgcctgaat 420
tgcccatgtt cagtccatag agctacttta gctccaggtg tggtcccggc cnccatcaca 480
tcaagaactg gtttcactgg gccttggatt a 511

<210> 1515
<211> 176
<212> DNA
<213> Homo sapien

<400> 1515
aaaggggaag gkgaractta aaagtattcc caactagatt atctacacca atacattgga 60
actctatatt ttgctttcat tttgtcttaa aaaaatgaaa tagcaacgct ctatcagtca 120
cacagaggac atgcarattt agcagtattg atattatact ctatcttgtt ggattt 176

<210> 1516
<211> 309
<212> DNA
<213> Homo sapien

<400> 1516
ctggggaaaa ccgtgcatta cctgcccatc ctgttcatcg accagctcag caaccgcgtg 60
aaggacctga tggtcataaa ccgctccacc accgagctgc ccctcaccgt gtcctacgac 120
aaggtctcac tggggcggct gcgcttctgg atccacatgc aggacaccgt gtactccctg 180
cagcagttcg ggttttcaga gaaagatgct gatgaggtga aaggaatttt tgtagatacc 240
aacttatact tcctggcgct gaccttcttt gtcgcagcgt tccatcttct ctttgatttc 300
ctggcctttt 309

<210> 1517
<211> 182
<212> DNA
<213> Homo sapien

<400> 1517
ccaacatcta attttttac tttttaatta tagctgttgt gactgatgtg agatggcatc 60
ttactgtggt ttttgcttgc atttatttat ttgatgatta gtaaggatga gtgtttttc 120
atatacttga gtgtcttctt ttgagaaaat atctgttcat gtcctttgcc ttttcttgat 180
tt 182

<210> 1518
<211> 548
<212> DNA
<213> Homo sapien

<400> 1518
cctgagggag agggaaaagc ggatacccac ctgtgtcgct gtttgcgtgc caagtccagg 60
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ggccaaggtg ttgtcatgag aatattcgtt aaagtaggga cgctgacttt gttcttgggc 180
agattctctt cctgtggagt atccagcctg tttgcctagt tttcctgttc ttctggggtc 240
tgatctctat ctgttttact gcagtccagt taccaaagtg gtataagtaa aattgaaaga 300

attctaaata ccttttcccc ccacgttagc tgcctcacgt taatgtggtc ttacggtctg 360
caaataagtg ttttgatgat ttggcgactg cagttaccca tactagctct cctaccactc 420
actactgaca gttaattatt atcgaatatc cacccaccca gggtgagtta taagttatac 480
caggtgtttt ggttaataat actaatgcaa ttaatttact ggttactctc tcatcttaaa 540
gtaatcag 548

<210> 1519
<211> 491
<212> DNA
<213> Homo sapien

<400> 1519
ctggtgaagg acggcttcct ggtggaagtg tcagagagct cccggaagct gcggcacgtc 60
ttcctcttta cagatgtcct actgtgtgcc aagctgaaga agacctctgc agggaagcac 120
cagcagtatg actgtaagtg gtacatcccc ctggccgacc tggtgtttcc atcccccgag 180
gaatctgagg ccagccccca ggtgcacccc ttcccagacc atgagctgga ggacatgaag 240
atgaagatct ctgccctcaa gagtgaaatc cagaaggaga aagccaacaa aggccagagc 300
cgggccatcg agcgcctgaa gaagaagatg tttgagaatg agttcctgct gctgctcaac 360
tcccccacaa tcccgttcag gatccacaat cggaatggaa agagttacct gttcctactt 420
gtcctcggac tacgagaggt cagagtggga gagaagcaat ttcagaaact acagaagaaa 480
ggatcttcag g 491

<210> 1520
<211> 169
<212> DNA
<213> Homo sapien

<400> 1520
ctggtactgt cgatttggaa agctggctgg aaaaaactta ttcatgaagg ggctgatggt 60
gtgggacagg gccaggattc ccagcacgaa gaaatacatg gacagcagga ggttgatgta 120
ctcctgggag aatattttga aaaagaggta gagccccaag agtgtgcag 169

<210> 1521
<211> 293
<212> DNA
<213> Homo sapien

<400> 1521
aggacgacgc tgtcrgargc agggagagca aattaccaca gcttcttggc ccagttctgc 60
ccttctttgc tttgggattg cactgggcca tcagctcatg ccaggctatg ggggcagcca 120
gttggcattg ctccccagac tgaacagaaa cctggccgcc ggatgggacc tcctttggca 180
cagacttgac tgtgtaactg cataaactgc agtagcatca ttgccctaga tgccccagga 240
gacctggcac catgaggatt acagacagtg gaatcttact gtcatctgga cag 293

<210> 1522
<211> 386
<212> DNA
<213> Homo sapien

<400> 1522
ccacgtggga ctttgaagac agcacaacac agtccttccg ctggcatccg ctccgggcca 60
aggcggagaa atacgaagac agcgttcctc agagtaatgg agagctcaca gtccgggcta 120
agctggttct cccttcacgg cccagaaaac tccaagaggc tcaagaaggg acagatcagc 180
catcacttca tggtcaactt tgtttggtag tgctaggagc caagaattta cctgtgcggc 240

cagatggcac cttgaactca tttgttaagg gctgtctcac tctgccagac caacaaaaac 300
tgagactgaa gtcgccagtc ctgaggaagc aggcttgccc ccagtggaaa cactcatttg 360
tcttcagtgg cgtaacccca gctcag 386

<210> 1523
<211> 178
<212> DNA
<213> Homo sapien

<400> 1523
aaaaagccta tcccatactg aattgtggga acctatgaag tgtctcttaa tgtcaattaa 60
aagtaacagt ggctgcagat attgatttct gaaagtacat gagaatttgt ctctaactat 120
ggttgaaaca acaaaaccaa atctgaatca ggtagaggtc taccagacac aaactctg 178

<210> 1524
<211> 319
<212> DNA
<213> Homo sapien

<400> 1524
wycacagcwg aaatggggca ctgaagtgtg gagscacaka atgcgggagg gcagaaccac 60
agacaggagg ctgagattga cctcctgagt gcaagctggt ctcccсttca cctcctgcac 120
cctacgcaga tggtgcttac cataggattg ccgtaaaaca gagacacgca ccagcgagaa 180
actttagccc ttagtatccc atcctcagga cagaatcact cttaaacatg ttgaaataca 240
tctgcttaga gcttttctat gtgtctatat aatgtatgca taatatacaa ttagaagcat 300
gtgattttat aacatttttt 319

<210> 1525
<211> 467
<212> DNA
<213> Homo sapien

<400> 1525
ccagactaga cagagatcag gtcatcaggg gagcttccga gcttcagcaa agcccacagg 60
tagctctgcg aactcagaat gctaccctac cttccctgca ggccgctgtt catgtctgga 120
ctcctggggg cgctatttaa tgtttacccc catctccagt gcccccctcca aggctgtgca 180
gtgtcttggg gctctcaggg ccaacatcga agagatgggg gccacctctt aacacctggc 240
aacagtctcc cctcatcctg attcctgaca acagacaaaa caccggtttc tagggtttat 300
ctgtttgttt tttgagttga gggttcctca gggccttggc attgctagtg atggtcccct 360
ttgctgtgtg agaacccccct caaccccttc ctcctccctc tggggatgaa gtgggagtat 420
ttggctcccc atttttgaca aaagggctca gtgcagggag gtggagg 467

<210> 1526
<211> 439
<212> DNA
<213> Homo sapien

<400> 1526
aaactgttta ctggagaaaa tcctcgctca tgtccattta ttgttttttt ctgtactgtg 60
atttgtttca agcttaggaa aactagtata ttagagtatg ttctaggaaa ttaaaagatc 120
tggttagagt aaaaagttct ttttaaggtt cttaactaat tttttcacaa ctaagaaaat 180
aaatgaagta ttcttaggct gaaattcatc ttattttatc ataaattaga ttgtaggggc 240
agcctacatt tttgtgtatg tgttttttatt tcttaaatga ttgtgtgagc ctggtgacat 300
tttatggttc ttgtgatcta aactgttttt ccaattcaca tcttttgtcg tgaagtgata 360

ttatactaga gtactgtttg cattgtaaaa atgctttgct ggtgctctgg cattttgtct 420
ttatctcatc acctaattt 439

<210> 1527
<211> 609
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 1527
ctggagaact tgggctccat taggtgcaat cgttggagta attagcccat cttttacatt 60
tcttgccaca aaatctcgaa gagctgccat ttcaggttcg gacagtgaat acacatgtcc 120
actgggaata ctgtgtgctc caggtatcat ttctatgtga gggtcaacca ggcggtgatc 180
tgggtagacg tgctcatcta ctggagtgta cacattctgg acatagtaat acctcactgg 240
ttggtaaact ctgtatccat ctactggata atagagtggc ggttgtggtg ctggtggtgg 300
gagcgatggt ggtattggag aatacatccg gcagtggtag cggcagtatt cagaatcaaa 360
gacgatagat cgagtgctcc atgtgatatt gggatcatgt gtgctcagcc agcgaacccc 420
taggacgaca gggaagaatg gagactgagt cacatcaaat gacagcacct ctcggtgatc 480
tcccaggtca actatcaggt cgtgagtttc gtggacaact gggcccgatg ctatggggcg 540
cccatcaatt gcttccacaa gtattggacc cgcccgggcg gncgctcgca agggccgaaa 600
ttccagcac 609

<210> 1528
<211> 393
<212> DNA
<213> Homo sapien

<400> 1528
tgatgtaatg aattcatatt tattgataca gaaaaatatg atataatcca tctaaaaagc 60
aagttacaaa acagtgtaca gtgtaccata gtacctatga acacaattag tgaagtaatt 120
tgcagagcta taataccaaa tcagaaatta ttttggtaat gaatttatga ttttcctcgt 180
tttctgattt tttccatgat ctcatatact ttattctcag aaaacaaaag acaaaacccc 240
acacatacac aaaaataaac gagtaacttc tttacaaccc cagaggctaa gtcagtggga 300
aaagagggaa atgaatggtt atgagcataa acacagggac aaataaaaga agtttggagc 360
acagagaaca attcacaaat cagaagtcat ttt 393

<210> 1529
<211> 143
<212> DNA
<213> Homo sapien

<400> 1529
atccgataga atccagttca atgaccttca gtctttactc tgtgcaactc ttcagaatgt 60
tcttcggaaa gtgcaacatc aagatgcttt gcagatctct gatgtggtta tggcctccct 120
gttaaggatg ttccaaagca cag 143

<210> 1530
<211> 636
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(636)
<223> n = A,T,C or G

<400> 1530
gtggagaagc ggcttggtcg ggggtggtct cgtggggtcc tgcctgttta gtcgctttca 60
gggttcttga gccccttcac gaccgtcacc atggaagtgt caccattgca gcctgtaaat 120
gaaaatatgc aagtcaacaa aataaagaaa aatgaagatg ctaagaaaag actgtctgtt 180
gaaagaatct atcaaaagaa aacacaattg gaacatattt tgctccgccc agacacctac 240
attggttctg tggaattagt gacccagcaa atgtgggttt acgatgaaga tgttggcatt 300
aactataggg aagtcacttt tgttcctggn ttgtacaaaa tctttgatga gattctagtt 360
aatgctgcgg acaacaaaca aagggaccca aaaatgtctt gtattagagt ccaattgatc 420
cggaaaacaa tttaattagt atatggaata atggaaaagg tattcctgtt gttgaacaca 480
aagctgaaaa gatgtatgtc ccmnctctca tatttggaca gctcctaact tctagtaact 540
atgatgatga tgaaaagaaa gggacaggtg gtcsaaatgg ctnttgagcc naattgtgta 600
acatattcag tacccaattt actgngggaa acagcc 636

<210> 1531
<211> 194
<212> DNA
<213> Homo sapien

<400> 1531
aaaaggcaga gcattctttt ttcggcaatt ttgataagca aggtgtagat ttacattttt 60
gtccttgctc ccaacgaaat ggataaacaa aaataactta ccatctactc atggaatgtt 120
gttgtgttag ccagtctgaa ggcccacctt aatttttata taactgtctt tagctcttct 180
tttgacaggg cagg 194

<210> 1532
<211> 300
<212> DNA
<213> Homo sapien

<400> 1532
ccatacaagg taattttgac aggttcctgg gattaggaca tgggcatctt gggaggccac 60
tactggccta ccacaactgg gcagcaaaac tattacaccc tccggtataa tagttttggt 120
gtttcaatga ctgggaggaa aagggttgga atttttttgct ttggggtccc tcttaacctt 180
gtatttttaa ggtctgggac tcaccaaccc tccccttcca accagagaaa ctcactgcag 240
tatctccttg aaagtctggt gacgagtctg tctaagtgct ggtgagaggc acaggaccaa 300

<210> 1533
<211> 521
<212> DNA
<213> Homo sapien

<400> 1533
gttcctttgc accctgtaga tgttctagga tagttgatgc atgttactaa attacgtatg 60
caagtctgtg agtgcgtctg aggggacatc gccaaggact gactgagaca cgatgccgag 120
acctcaagcc ctgaggggca gtcccaaaac ccttacagtg aagatgttta ctcattgccc 180
ccacctctgg tccacactag aaagaagctc gccccacctc cacctgtgag atccgtgaat 240
tctcggaatg gcaggggaag ccttgcacta ggttgcagag aagcatcctc cacatcctgt 300
gtcagaaacc ctggtctccg tggcacttgt aactcaccgt gctgtcttct ggtctgtgtg 360

tgttcttcaa gccagctcta ggcttcaggc cgagccaggt tcacactcag aaagatgtct 420
ccccatcccc attcggggct gacgatgggg ggctgatggc tgcccctgcg tggcctgagt 480
cctggtccct ctgaggcagt tgacggggca gtcagatttt t 521

<210> 1534
<211> 181
<212> DNA
<213> Homo sapien

<400> 1534
actcaagaag atgtatttaa tgcttgacaa taagagaaag gaagtagttc acaaaataat 60
agagttgctg aatgtcactg aacttaccca gaatgccctg attaatgatg aactagtgga 120
gtggaagcgg agacagcaga gcgcctgtat tggggggccg cccaatgctt gcttggatca 180
g 181

<210> 1535
<211> 544
<212> DNA
<213> Homo sapien

<400> 1535
aaaataggac actaaatcct actctgaaag gtggtttgat caggactaaa gagaatgtat 60
gtagagtgct ttgtgcaacg aattgtgggg agcttggacc caataaggta gccagaatta 120
cccacaccat catcatcttc accaccatca ttattgttat cgacatattc caatacactt 180
ctgaagggct ggaagagaga aatatgtttg tgcagacagg cggcagcagt atttgatcca 240
ccaccacagc tccaccgctt ggggcagta ctgatccacc tgtgctcccc tccctgcccc 300
agcctggaaa gctaatttca gactcaaaaa aatcaagtac agagcagcgc acccactcca 360
atgagtcatc cccgcccact ctagacaaca gcatgctcat gactcaaact atcttcgtga 420
atggttcaaa atatcaagaa ttggtttcca tagtttcttg actaaccaga cacaaaattt 480
cccctacatg cagagattca tgtctcaact tcaactgtac attaaactca accgggaaac 540
tttt 544

<210> 1536
<211> 591
<212> DNA
<213> Homo sapien

<400> 1536
ctgagttaag atggtaaagc caatattatt ttaggaggaa agaggacgaa ggccaatgaa 60
ccaacatctg cctgctatct ggtgcatcac ccaaggtgac caatggctgg gcacaaataa 120
acttctcttt tgctagccac agagttgctc actgtggcaa gcctgagctg gtcagaacac 180
ctgtgtgtgt gttcctgata cacactaacc acaataagca agtctgcaca catctctatg 240
agccccatgc aaagacaaga cattcccaaa gatcagtcac tagagtgcaa caacgaaatt 300
caagatttga ccaaaacaga ccctgctgcc tcctaaattg ccaattgcct ctcaaaaact 360
tacagaaaaa gggacattat aagaattcat agagggagag aagaaaaagc tgctactcct 420
agtcattagt acaatgtgct gtgttaatta gatacctcta tataaattag aaaaagtgct 480
ttacttgcat gcttcaataa aatgaatact gagtgtcgta gtgttagatc tgtacagata 540
taaatttttt gcagctatat aaaagtgtat aagatgggct tttgccattt t 591

<210> 1537
<211> 341
<212> DNA
<213> Homo sapien

<400> 1537
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gtcctctgtg aagtctggat taatggaaaa aaggatttgt gaggctagtc ttaggctgta 120
gccaatctgg tgtgcttttt gtgtcttcct gtatggttcc atgataagga ggaatacctt 180
aggatagaat gcaagcctag gaccccataa gcctgttgtt caagccaacc agcaaactgg 240
gcagtaacaa acattgctgc aggtttccat tttgttttac gtccttggga gcttgacctt 300
gtaaccacgt ggcagtacct tcttttggcc tctgccattt t 341

<210> 1538
<211> 363
<212> DNA
<213> Homo sapien

<400> 1538
ggacctgact ttgagtccat cagagacaaa gtgagtgaga tgcacataca gtgtttccag 60
acctgactca gcccatctgt ctgttaggaa actttatgaa gacgcccccc agaattaaac 120
cctaattcaa atgtctcact ctgaatagag accttctgaa ataatcttgg tatagagacc 180
cagacacgtg ccttttgcct taaaataaaa atatttagcc catgttgttt tatgtatctg 240
tctttcagtt agttttgaag gcccgcacgg aaaagtgggg cctgtgcacc tgaaaagaaa 300
tgtgtatgtt atgtggttgt tggtctttcc tactagagtt atcttgataa ttgtgaagag 360
tgg 363

<210> 1539
<211> 371
<212> DNA
<213> Homo sapien

<400> 1539
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ggaggggctc ctcagtgtga ctgggtgaag tgttttcaga ggaccagggt tgaggttggg 120
ggcatctcat ccagaccctg ccggcatctg ccccagaacc caagggcccc tccttcctcc 180
ctcctcaatg gaaatgctgg agatgtcctc agtcaccctc tgagcactca cacatcaccc 240
cttatttgga aatttttctc actctaacct tccttcctgc tgcaccttct gccccatccc 300
caggctctgg cctctctctc tcctcttcta ccctttagca ggtaatgact cagttcccac 360
tgaggagcca g 371

<210> 1540
<211> 403
<212> DNA
<213> Homo sapien

<400> 1540
ctkgacgtga tggagcaggt gagcagtgcc cgtggggctt gccagagggc tgaggaggac 60
cctctctaac cagctccctg tccccttctc tctgtagctt gagttgaaga agacactgct 120
ggacaggatg gttcacctgc tgagtcgagg ttatgtactt cctgttgtca gttacatccg 180
aaagtgtctg gagaagctgg acactgacat ttcactcatt cgctattttg tcactgaggt 240
cagcaatgca ccgttggttt catgtttcat actgtttaca ctagcactgc ccttttggc 300
ttaatttagt tcattttgta cctaactgag aactgtgctt tctgatgtag tgatgacaat 360
gacagatact cgtttaccaa aaagcacctt ctgcctgcag cag 403

<210> 1541
<211> 428
<212> DNA
<213> Homo sapien

<400> 1541
taaaacaaaa ctaaagaaga gaaaatatat tctcgtaaat tatctgaact taaaagatgg 60
aagcctggag atagatttgt gataagccat tgctgagtac atcctagagt tcttgataat 120
ttcagttggt taaattacaa tagtttgcta tttcctccct cacattttat gttctacagt 180
atctagctgc ttgggttttc ctgtatacca tggggcttct gtcatctggg ctttactcag 240
tggcatattc cctctgccta aaactctcct cccctctcca ccttagaagt agcttttcct 300
agaacggttt tcccagggtt tcacctaagg tgatagtaca atctacaggg acctgcacat 360
gaagaccttt gcatacatgc caggaagttg gactttatct ttggaaaaag ggagcctttg 420
aaggtttt 428

<210> 1542
<211> 345
<212> DNA
<213> Homo sapien

<400> 1542
awttaaatgc ttagcaagca gcaattccac gatggtcaaa ttcctaatat gagagaagta 60
gaaataggaa aaataggtca ccctgatact tatgttttca ttttgcttaa tatacgtttg 120
tatatttcaa tataacatta atagatatcg tgtcccttca cagttctaaa gtagtaagca 180
aaatgaatta atttaaccta tgcaattaaa accaatttgg aagaatattg aggtagcaca 240
ctgttacggg aattagtatg actcagtaat gcagttgaaa gttagtggct cctaatccag 300
tatgaatcat ggagatgaga gaaatgatta gataaagaga tattt 345

<210> 1543
<211> 420
<212> DNA
<213> Homo sapien

<400> 1543
aatattgaat ttctagaagc agtatattgc ttactgcttc ttaattacgt tatagatgag 60
gtggaaatga taaaaactaa agaagcaaga ttaatcttta acacacattt caggctgttg 120
taaaagaata aacaatgctt catataaact tctagcaaat gacttcctaa tgaggtcttg 180
aaacagtctt tagggcacgg aatgtcatca cataattaag cagctttaag cctttattaa 240
aaggcttaaa gtcgcaaaca atgaaatctg aaacaaactg taccatatta aacttttga 300
tgatatttca aattcagtaa aagaaaaaaa ggatggttca gaataacatc acgtattcta 360
atcctgaaac acataacaaa tgcatctgaa acagcaattc ttaaaaaggt tttgcccttt 420

<210> 1544
<211> 306
<212> DNA
<213> Homo sapien

<400> 1544
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ttcccaggcc cgctgcacat gggcagattc caccgtgcga gaacagatgg caaagcgcag 120
gacaaacttg tccctgaggt gacatggaac caagtggatt tttttggcac tgtttattct 180
ttgcagaaga gcttcattca ctttgttgga acccctttagc cgaaagcaga caagccccag 240
aatgacttcc acacagattt caaagcgggg atcctggcgc accagtgact caaactcatg 300
ggacag 306

<210> 1545
<211> 110
<212> DNA

<213> Homo sapien

<400> 1545
ctgctccggg ccttcatcct gaagatcagc gtgtgcgatg ccgtcctgga ccacaacccc 60
ccaggctgta ccttcacagt cctggtgcac acgagagaag ccgccactcg 110

<210> 1546
<211> 239
<212> DNA
<213> Homo sapien

<400> 1546
aaagaaatat gacacggtgt tggatattct aagagacttt tttgaactca gacttaaata 60
ttatggatta agaaaagaat ggctcctagg aatgcttggt gctgaatctg ctaaactgaa 120
taatcaggct cgctttatct tagagaaaat agatggcaaa ataatcattg aaaataagcc 180
taagaaagaa ttaattaaag ttctgattca gaggggatat gattcggatc ctgtgaagg 239

<210> 1547
<211> 527
<212> DNA
<213> Homo sapien

<400> 1547
aaaaattcca gttgagattt ttctggttct ctgtataaag attgactgga acatatacat 60
tttggggttt atgtttggag actttggctc ttattcaaac cttccatttt agttggcttc 120
ttctgacagt gcttcagcat ggaagcaagg agggggcctc attactgcca ggtaagggta 180
aaaatctagt ttctctgctg ggtctccatt gtcactaaga aaggaatggc tctgttattg 240
ctgggcaggg ttggctgttc caactgataa tcctatgtct gggagggcta ggagtgcctc 300
cttgctgttc ctcttgttgt ttccactgac agtggagtgg ccttgttact gctgggtggt 360
ggttgagagt tctggctctc tactagggag gacacaacct cagtgtagag aggcggggat 420
accttgttac tgtcaggcac aggcggaggt ccagtctcct tactccacct acccaacagg 480
gtagcttgag gcacttcatt attgcctagt gagagtggaa gtttagg 527

<210> 1548
<211> 333
<212> DNA
<213> Homo sapien

<400> 1548
ctgtgggcgg agctagtagg ggcggggcta cgtgattgac acttctctcc tcagacttca 60
agggctacca ctggaccctt cccctgtctt gaaccctgag ccggcaccat gcacggacgc 120
ctgaaggtga agacgtcaga agagcaggcg gaggccaaaa ggctagagcg agagcagaag 180
ctgaagctat accagtcagc cacccaggcc gtattccaga agcgccaggc tggtgagctg 240
gatgagtccg tgctggaact gacaagccag attctgggag ccaaccctga ttttgccacc 300
ctctggaact gccgacgaga ggtgctccag cag 333

<210> 1549
<211> 438
<212> DNA
<213> Homo sapien

<400> 1549
ttgacagtgt acgctggagc aggttccagg gtggggctgc cctgccgcct gcctgctggt 60
gtggggaccc ggtctttcct cactgccaag tggactcctc ctgggggagg ccctgacctc 120

ctggtgactg gagacaatgg cgactttacc cttcgactag aggatgtgag ccaggcccag 180
gctgggacct acacctgcca tatccatctg caggaacagc agctcaatgc cactgtcaca 240
ttggcaatca tcacagtgac tcccaaatcc tttgggtcac ctggatccct ggggaagctg 300
ctttgtgagg tgactccagt atctggacaa gaacgctttg tgtggagctc tctggacacc 360
ccatcccaga ggagtttctc aggaccttgg ctggaggcac aggaggccca gctcctttcc 420
cagccttggc aatgccag 438

<210> 1550
<211> 204
<212> DNA
<213> Homo sapien

<400> 1550
aaaactaagt tattccaaca ctaaaagcat acaacagcat gccaacagta atatattatt 60
ctccaagact ttacctatgt aagtgttcaa aactctgcag cattaaacaa cgtgtatgca 120
aattgttatg gatacatttc agaatctaag aaatcaggca agtgcttaaa aggccaacgg 180
tccaagggat tacatctgca gttt 204

<210> 1551
<211> 132
<212> DNA
<213> Homo sapien

<400> 1551
ccatctgtgg atttgtctgt gcacctattg gctcttctag ctgactcttc tggttgggct 60
tagagtctgc ctgtttctgc tagctccgtg tttagtccac ttgggtcatc agctctgcca 120
agctgagcct gg 132

<210> 1552
<211> 433
<212> DNA
<213> Homo sapien

<400> 1552
ctgaatagag gtcaacacag ttgcgatgtt gagggatggt ctccaagcac cttttggtgg 60
caatttgaga acatccagac aaatccttcc agcagaatca atgtttggat gataaattgg 120
agtgagaaat cggatctgag gaggttcaaa tgggtacctc tcaggaatga taacttctag 180
cttaaaaaca cctttctcat aaggtgtgtt ggctccacct aatatttgag ctcgcaggtc 240
atccatttgg tctttatctt gccaacatgt gatgcctggg ggtggctctg tggctaacat 300
gtgcagctct ctcttcagac gtgaagctct ctgcatgatc cccaagtaga aggaaccaca 360
cacagttcac tgctccacac taagagctgs ctgggatgca ctgagctgac acccctcaca 420
acgcagcaac gcg 433

<210> 1553
<211> 316
<212> DNA
<213> Homo sapien

<400> 1553
gagcaaggtc tgctgagaac agacccagtc cctgaggaag gagaagatgt tgctgccacg 60
atcagtgcca cagagaccct ctcggaagag gagcaggaag agctaagaag agaacttgca 120
aaggtagaag aagaaatcca gactctgtct caagtgttag cagcaaaaga gaagcatcta 180
gcagagatca agcggaaact tggaatcaat tctctacagg aactaaaaca gaacattgcc 240
aaagggtggc aagacgtgac agcaacatct gcttacaaga agacatctga aaccttatcc 300

caggctggac agaagg 316

<210> 1554
<211> 542
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G

<400> 1554
aaaggaatta ttctggcagc acatgtagta ttcttggatg atcttgctgc tcttatttct 60
ccttttgtgt gtgtgtgtgt gtgtgtggct atgggttttc atttgtaact ccatctgctt 120
argagagtgg gctctctata agggaacctg ctgtaaactt cattgcagca aggatgtaga 180
gagaaatagg acttaattcc actaggggct ctcatctcac accttaagga ggagatttct 240
agaaaaactg ggccagattt tctttgytct ccatcatttt aatgtggcag gctgytcagt 300
tttcttactc ttacctatgw gatatttctt cgtaacgtgt ccaaaaagaa aaaagaccca 360
atcagtgtct cttgactttg ttctttgatc cctcagtttc ttcttgattt cagcatgtgt 420
ccgggttcct aattttgggt atgagttagc aaatttaacc attgtgtttg tgccctaccc 480
aggggactcc ccagtttctg acttgaagta gactganaag aatccacgag gngctatttt 540
gg 542

<210> 1555
<211> 117
<212> DNA
<213> Homo sapien

<400> 1555
ctgtctgtgg cttcccatgt ctttctccaa agttatccag agggttgtga ttttgtctgc 60
ttagtatctc atcaacaaag aaatattatt tgctaattaa aaagttaatc ttcatgg 117

<210> 1556
<211> 111
<212> DNA
<213> Homo sapien

<400> 1556
ctgctgcagc cgcagtttct catccggagt gtaccccgtc atgtcgccgc tggtaccaac 60
gcaaaaggac acggcgcacc ctcgaactac ggactagtta cttaagcgcg c 111

<210> 1557
<211> 454
<212> DNA
<213> Homo sapien

<400> 1557
cgaggactga tcctctagta ctaagtgact ggggatatta caytarccaa cattggttga 60
tacatacctk artmatcatw tgaggaygca gtgataarsg satawwmywg tatsatccya 120
acaygyacta rctcaaaaac tagtgggggc ggattgatct cctgtgggac wkcacatgsc 180
ctgaaagtga acatgmtcmt ratcacctgc agrgcttgag atggyccmca tkgcwgcact 240
ccgccccyac akttttgaw tcwacwggag ttaggswgmt yctwgawtta kcctttctac 300
ctgcctccyg akagrwgcwc wygastwgga kgaatssatt gackkctaag rttakacttc 360

cactaactct gtacgmtgar ctcttactaa tattcgttac cacgctaaga ggctctgctc 420
caggatctca tcgcgactgg aaggaacctc cagc 454

<210> 1558
<211> 404
<212> DNA
<213> Homo sapien

<400> 1558
aaagaagtgc agttgatatc taatttacac agtgaaacta gtgatagaaa ataactaatg 60
aaaaaaaatc agagactggt ttccaattga ttgacaccta gatctgtcag cctctcttaa 120
agaaagggga aggagaaaaa aaatctcatc atggaaggca gacaagagtc cacctgacag 180
aggtggaatc tgatggaatc tgaccccatt tcatgataaa cgagaggaaa cataaatgcc 240
atctcaaata ctaaagcgat gtagtgtagc atgagtgact caatgcaaat tcacagagga 300
aaagaagtta cggcttagga agtaggacaa taaatacaaa tatttcatct tatttaatgg 360
tgcatgactt cagtgaaact acccttttgca atgcaataaa tttt 404

<210> 1559
<211> 266
<212> DNA
<213> Homo sapien

<400> 1559
aaactatcag aagagatgag agggaattga tctacaatac tagaatttta tgtgcagaca 60
aatccacatc tggaaatgaa atcacagtaa gatattttcg ggagaccaaa acataaaaat 120
tgctagaata aatttgccac gaacgagtaa ctagacatta gaaattgact acatagatat 180
agtaatacta aaagtgctga aaacaagcaa acacaacaca cacattctca attcttttt 240
tttctatcaa atatcttcaa cttttt 266

<210> 1560
<211> 142
<212> DNA
<213> Homo sapien

<400> 1560
aaaactcagt atcttctgaa ccagaggcat ttctgattag cccttcccta cctattttcc 60
tagtatcact ctttaatcag cttggggagg tggcagcatt tcatggcctc cgtagtaact 120
cacaatgctt cctggggtat tt 142

<210> 1561
<211> 381
<212> DNA
<213> Homo sapien

<400> 1561
aaacactaaa tgaagcttct cacaatttct aattataaac aaaaggctga aaacagtatg 60
ggaaacaaag tttcaaaaca aagaaaagtt gagtaaaagg tgccccctct atggctcatc 120
tgaaagaaac attttactca gagaggcaaa catttctgat ctaggagtaa gtttcccact 180
cactttgcaa ggacccactc attctgcaga aagacctaca agtctttctg gtctcaattg 240
caaagtacgt gaaaatgtgt atgaaagatc taaaagctaa atattagaat aaggctaatt 300
gaaatcaaaa ttgtgtgctg gtctaaatat acatcttcgg cttcttcctt tttagtaagt 360
atttttattt cagatgtatt t 381

<210> 1562

<211> 368
<212> DNA
<213> Homo sapien

<400> 1562
ggagaaagga gaaccgtaca tgagcattca gcctgctgaa gatccagatg attatgatga 60
tggcttttca atgaagcata cagccaccgc ccgtttccag agaaaccacc gcctcatcag 120
tgaaattctt agtgagagtg tggtgccaga cgttcggtca gttgtcacaa cagctagaat 180
gcaggtcctc aaacggcagg tccagtcctt aatggttcat cagcgaaaac tagaagctga 240
acttcttcaa atagaggaac gacaccagga gaagaagagg aaattcctgg aaagcacaga 300
ttcatttaac aatgaactta aaaggttgtg cggtctgaaa gtagaagtgg atatggagaa 360
aattgcag 368

<210> 1563
<211> 411
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 1563
accwtrsaac tgcawttatt acctatgcta gntttggata agaamtgkyc wtayatgtga 60
kagcaagagg gcacyaraws wrcttsaaca ccaawgggcm ktactwtata kawmcgawgg 120
gcatgctwtm atgaccaact grmtgactgt ttgagaatgg acaargtgct agcgctaaac 180
ctgtccttct tgaacrtggc ttgactaacg kcwttgatac gttrccttca kkasaatact 240
attactasac tttgktgctt gattaccgac tggtgcactc ttgmtctcac ctatgargac 300
agtgctttac acaaactcrt akggaaaatt gnntttgtmc tgtganctac tcatcygaga 360
nctccctaag ggctaacatt ncatgtttcc gtctcactag ctacacgttc t 411

<210> 1564
<211> 602
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(602)
<223> n = A,T,C or G

<400> 1564
ctagttttaa gatcagagtt cactttcttt ggactctgcc tatattttct tacctgaact 60
tttgcaagtt ttcaggtaaa cctcagctca ggactgctat ttagctcctc ttaagaagat 120
taaaagagaa aaaaaaaggc ccttttaaaa atagtataca cttattttaa gtgaaaagca 180
gagaatttta tttatagcta attttagcta tctgtaacca agatggatgc aaagaggcta 240
gtgcctcaga gagaactgta cggggtttgt gactggaaaa agttacgttc ccattctaat 300
taatgccctt tcttatttaa aaacaaaacc aaatgatatc taagtagttc tcagcaataa 360
taataatgac gataatactt cttttccaca tctcattgtc actgacattt aatggtactg 420
tatattactt aatttattga agattattat ttatgtctta ttaggacact atggttataa 480
actgtgttta agcctacaat cattgatttt tttttgttat gtcacaatca gtatattttc 540

tttggggtta cctctctgaa tattatgtaa acaatccaaa gaaatgattg tattaannat 600
tt 602

<210> 1565
<211> 473
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(473)
<223> n = A,T,C or G

<400> 1565
ctagtccagt gtggtggaat tcatccaggg ggctacccct ggctctctgt tgccagtggt 60
catcatcgca gtgggtgtct tcctcttcct ggtggctttt gtgggctgct gcggggcctg 120
caaggagaac tattgtctta tgatcacgtt tgccatcttt ctgtctctta tcatgttggt 180
ggaggtggcc gcagccattg ctggctatgt gttnagagat aaggtgatgt cagagtttaa 240
taacaacttc cggcagcaga tggagaatta cccgaaaaac aaccacactg nttcnatcct 300
ggacaggatg caggcagatt ttaagtgctg tggggctgct aactncacag attgggagaa 360
aatcccttcc atgtngaaga accgagtccc cgactcctgc tgcattaatg ttactgtggg 420
ctgtgggatt aatttcaacg anaaggcgat ccataaggag ggctgtgtgg aga 473

<210> 1566
<211> 53
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(53)
<223> n = A,T,C or G

<400> 1566
ctagttatta atagnaatca attncggngt cattagttca tagcccatat atg 53

<210> 1567
<211> 136
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 1567
ttattgattt ttttttttca ctttccccat cacactcaca cgcacgctca cacttttttat 60
ttgccataat gaaccgtcca gcccctgtgg ngatctccta tganaacatg cgttttntga 120
taactnacaa ccctac 136

<210> 1568
<211> 192
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 1568
ttgngtctgt gtgagnnggt tgaccttcct ccatcccctg gtccttcnct tnccttnccg 60
aggcacagag agacagggca gnatccacgt ncccattntg gaggcagana aaagagaaag 120
tgntttatat acggtactta tttaatatcc ntttntaatt anaaantnaa acagttaatt 180
taattaaaga gt 192

<210> 1569
<211> 575
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

<400> 1569
ctagttctgt ccccccagga gacctggttg tgtctgtgtg agtggttgac cttcctccat 60
cccctggtcc ttcccttccc ttcccgaggc acagagagac agggcaggat ccacgtgccc 120
attgtggagg cagagaaaag agaaagtgtt ttatatacgg tacttattta atatcccttt 180
ttaattagaa attaaaacag ttaatttaat taaagagtag ggtttttttt cagtattctt 240
ggttaatatt taatttcaac tatttatgag atgtatcttt tgctctctct tgctctctta 300
tttgtaccgg tttttgtata taaaattcat gtttccaatc tctctctccc tgatcggnga 360
cagtcactag cttatcttga acagatattt aattttgcta acactcagct ctgccctccc 420
cgatcccctg gctccccagc acacattcct ttgaaataag gtttcaatat acatctacat 480
actatatata tatttggcaa cttgnatttg ngngtatata tatatatata tgtttatgta 540
tatatgngat tctgataaaa tagacattgc tattc 575

<210> 1570
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 1570
ctagtccagn gtggtggaat tccgccgcca tcatgggtcg catgcatgct cccgggaagg 60
gcctgtccca gtcggcttta ccctatcgac gcagcgtccc cacttggttg aagntgacat 120
ctgacgacgt gaaggagcag atttacaaac tggccaagaa gggccttact ccttcacaga 180
tcggtgtaat cctgagagat tcacatggtg ttgcacaagt acgttttgtg acaggcaata 240
aaattttaag aattcttaag tctaagggac ttgctcctga tcttcctgaa gatctctacc 300
atttaattaa gaaagcagtt gctgttcgaa agcatcttga gaggaacaga aaggataagg 360
atgctaaatt ccgnctgatt ctaatagaga gc 392

<210> 1571
<211> 390
<212> DNA
<213> Homo sapiens

<400> 1571
gaaggacgtt tgtgttggaa gccctggtat ccccggcact cctggatccc acggcctgcc 60
aggcagggac gggagagatg gtgtcaaagg agaccctggc cctccgggcc ccatgggtcc 120
acctggagaa atgccatgtc ctcctggaaa tgatgggctg cctggagccc ctggtatccc 180
tggagagtgt ggagagaagg gggagcctgg cgagaggggc cctccagggc ttccagctca 240
tctagatgag gagctccaag ccacactcca cgactttaga catcaaatcc tgcagacaag 300
gggagccctc agtctgcagg gctccataat gacagtagga gagaaggtct tctccagcaa 360
tgggcagtcc atcacttttg atgccattca 390

<210> 1572
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 1572
ctgcagcttc tgctgctgag gccgggattg ctacgactgg gactgaaggt gaaagaggtg 60
gaatccgaag tcctgggact gcgggatgct aaacattgaa agctgggtgt aggcactgca 120
gggagagtgt ggaggtctga cagggtagga atatgtggga gggctgggct aggaatggcc 180
ttggaggctg gcctgtgtgg atatggcacc aattctaccc tgctcctctt ttccttttcc 240
cagactcaga cgatgccctg ctgaagatga ccatcagcca gcaagagttt ggccgcactg 300
ggcttcctga cctaagcagt atgactgagg aagagcagat tgcttatgcc atgcagatgt 360
ccctgcangg gagcagagtt tgg 383

<210> 1573
<211> 149
<212> DNA
<213> Homo sapiens

<400> 1573
cctccagagc ctctctagtg gcagagcagc tcacactccc tccgctggga acgatggctt 60
ctgcctagta cctatccttg tgtttctgat gcagtggtag cattggttca agttctctcc 120
tgctgtggtc agagttgctt cgatgttgg 149

<210> 1574
<211> 143
<212> DNA
<213> Homo sapiens

<400> 1574
ctgccaggct gaaaagaagc ctcagctccc acaccgccct cctcaccgcc cttcctcggg 60
agtcacttcc actggtggac cacgggcccc cagccctgtg tcggccttgt ctgtctcagc 120
tcaaccacag tctgacacca gag 143

<210> 1575

<211> 112
<212> DNA
<213> Homo sapiens

<400> 1575
ctgcatccac cctctttcag ggggtagagc cactatactt ctcatgtaga tcagccacat 60
tgtcactgga gactcggatc cagccatcct cccgcacgtg gtagaggttg ac 112

<210> 1576
<211> 198
<212> DNA
<213> Homo sapiens

<400> 1576
ccagtatgtc cccaggatta tgtttgttga cccatctctg acagttagag ccgatatcac 60
tggaagatat tcaaatcgtc tctatgctta cgaacctgca gatacagctc tgttgcttga 120
caacatgaag aaagctctca agttgctgaa gactgaattg taaagaaaaa aaatctccag 180
gcccttctgt ctgtcagg 198

<210> 1577
<211> 444
<212> DNA
<213> Homo sapiens

<400> 1577
cctgcctgga gccccagatc accccttcct actacaccac ttctgacgct gtcatttcca 60
ctgagaccgt cttcattgtg gagatctccc tgacatgcaa gaacagggtc cagaacatgg 120
ctctctatgc tgacgtcggt ggaaaacaat tccctgtcac tcgaggccag gatgtggggc 180
gtcatcaggt gtcctggagc ctggaccaca agagcgccca cgcaggcacc tatgaggtta 240
gattcttcga cgaggagtcc tacagcctcc tcaggaaggc tcagaggaat aacgaggaca 300
tttccatcat cccgcctctg tttacagtca gcgtggacca tcggggcact tggaacgggc 360
cctgggtgtc cactgaggtg ctggctgcgg cgatcggcct tgtgatctac tacttggcct 420
tcagtgcgaa gagccacatc cagg 444

<210> 1578
<211> 294
<212> DNA
<213> Homo sapiens

<400> 1578
ccacaaagcc attgtatgta gctttagctc agcgcaaaga agagcgccag gctcacctca 60
ctaaccagta tatgcagaga atggcaagtg tacgagctgt gcccaaccct gtaatcaacc 120
cctaccagcc agcacctcct tcaggttact tcatggcagc tatcccacag actcagaacc 180
gtgctgcata ctatcctcct agccaaattg ctcaactaag accaagtccc cgctggactg 240
ctcagggtgc cagacctcat ccattccaaa atatgcccgg tgctatccgc ccag 294

<210> 1579
<211> 295
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(295)

<223> n = A,T,C or G

<400> 1579
ccacaaagcc attgtatgta gctttagctc agcgcaaaga agagcgccag gctcacctca 60
ctaaccagta tatgcagaga atggcaagtg tacgagctgt gcccaaccct gtaatcaacc 120
cctaccagcc agcacctcct tcaggttact tcatggcagc tatcccacag actcanaacc 180
nngctgcata ctatcctcct agccaaattg ctcaactaag accaagtccc cgctggactg 240
ctcagggngc cagacctcat ccattccaaa aatatgcccg gtgctatccg cccag 295

<210> 1580
<211> 166
<212> DNA
<213> Homo sapiens

<400> 1580
cttctttatt ggggacatgt gggctggaac agcagatttc agctacatat atgaacaaat 60
cctttattat tattataatt attttttgc gtgaaagtgt tacatattct ttcacttgta 120
tgtacagaga ggtttttctg aatatttatt ttaagggtta aatcac 166

<210> 1581
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 1581
ctgaggcaac agaataaatg cagaggcatt acaatgaatc ccacttaata taaagaacta 60
tacagaccaa cacttctcta caaaattttt ttttcctcat tgccagttaa atacagagtt 120
ttactttcat agcttaacaa tgaagggtca tacactgaag ccaatacata tacctagcat 180
ttcagtctaa gcttgtccac gtacatagct gaagtcaatt acaaggtttg gcctagaaat 240
gctaggggaa cttctttgta gtttttacag gtattaaact tcatcttgca cactgaagtc 300
atcatacata cagggcaaaa tcagagcttt tatatttgcg tttattcttc atttaacttt 360
ttataacact actatagttt attaaaacaa aaaacaaaga gcaagtagtg agcatattan 420
gattacagtc ctttcactca ttcacacct 449

<210> 1582
<211> 302
<212> DNA
<213> Homo sapiens

<400> 1582
ccaatgggct ttgctgtagc ttgctgaaat caccaagcag gagagattta accagaggcg 60
atgtgtccag tcaccagcat agagccatcc tctgtgtcac catccacacg cagggccttc 120
tggcagacct catgcaatgc cctccatgtt aatattcatc agaaaatgga taattagggg 180
ggccagcaaa aatatcaagg gtcaaatatc gcacatttct gtttaggcca tctatggctt 240
tcatctcctc tgaagtcaac tggaattcaa acacctgcac gttctgtctg atgcgctgct 300
ca 302

<210> 1583
<211> 170

<212> DNA
<213> Homo sapiens

<400> 1583
ttcctgctcc gtgggaacca cgagtgtgcc agcatcaacc gcatctatgg tttctacgat 60
gagtgcaaga gacgctacaa catcaaactg tggaaaacct tcactgactg cttcaactgc 120
ctgcccatcg cggccatagt ggacgaaaag atcttctgct gccacggagg 170

<210> 1584
<211> 368
<212> DNA
<213> Homo sapiens

<400> 1584
ccagacgtgg tggctcacac ctgcagtccc agcaccttag gaggccgagg caggaggatc 60
cttgaggtca ggagttcgag accagcctcg ccaacatggt gaaaccccat ttctactaaa 120
aatacaaaaa attagccaag tgtggtggca tatgcctgta atcccaacta ctcagaaggc 180
cgaggcagga gaattacttg aacgcaggag aatcactgca gcccaggagg cagaggttgc 240
agtgagccga gattgcacca ctgcactcca gcctgggtga cagagcaaga ctccatctca 300
gtaaataaat aaataaataa aaagcgctgc agtagctgtg gcctcaccct gaagtcagcg 360
ggcccagg 368

<210> 1585
<211> 392
<212> DNA
<213> Homo sapiens

<400> 1585
caaccctctc tcctcagcgc ttcttctttc ttggtttgat cctgactgct gtcatggcgt 60
gccctctgga gaaggccctg gatgtgatgg tgtccacctt ccacaagtac tcgggcaaag 120
agggtgacaa gttcaagctc aacaagtcag aactaaagga gctgctgacc cgggagctgc 180
ccagcttctt ggggaaaagg acagatgaag ctgctttcca gaagctgatg agcaacttgg 240
acagcaacag ggacaacgag gtggacttct aagagtactg tgtcttcctg tcctgcatcg 300
ccatgatgtg taacgaattc tttgaaggct tcccagataa gcagcccagg aagaaatgaa 360
aactcctctg atgtggttgg ggggtctgcc ag 392

<210> 1586
<211> 158
<212> DNA
<213> Homo sapiens

<400> 1586
cctccactgc cagcctatgg ttgttcgcca ccaagccagg agtgctgcac cgcccagtgg 60
tccccctcgg gctccaggcc cccactgaga ccctctcgga ggcagaagca cttcacccct 120
cagagtccta caagtccaac cagtggacct ggaattgg 158

<210> 1587
<211> 85
<212> DNA
<213> Homo sapiens

<400> 1587
ccaatgtaca tggtggacta tgccggcctg aacgtgcagc tcccgggacc tcttaattac 60
tagacctcag tactgaatca ggacc 85

<210> 1588
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(369)
<223> n = A,T,C or G

<400> 1588
ccaggctacc ttcccactgg agacaggcag ggggacaggt gctaagggac ctggcaggca 60
gggctggcag gccccatggc gcctgttcca gcagatgaca agcccaggtc agggtagagc 120
gggcaggagg ggggacgagg gctcccacaa catgattttg tgtaaaatat ggcagcgaca 180
cacgctcagg gccgggaggt gggggttagg gtggggacgg cggcaacatc gtgtaaaaaa 240
gtgtcccagt tcccatagca aagagagctg tgaccgggtg ttcagagctt ctccagtaca 300
agggggaaag ccgcccggcg ggggcggcgg gcagggacat catttggttt cctggtgctg 360
tcngtccga 369

<210> 1589
<211> 361
<212> DNA
<213> Homo sapiens

<400> 1589
ctgtagcttc tgtgggactt ccactgctca ggcgtcaggc tcagatagct gctggccgcg 60
tacttgttgt tgctttgttt ggagggtgtg gtggtctcca ctcccgcctt gacggggctg 120
ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacttat gagacacacc 180
agtgtggcct tgttggcttg aagctcctca gaggagggcg ggaacagagt gaccgagggg 240
gcagccttgg gctgacccag gacggtcagc ttggtccctc cgccgaacag tacaaaggga 300
ctcaggctgt tatcatagga ctggcagtaa taatcagcct catcttcagc ctggagccca 360
g 361

<210> 1590
<211> 434
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 1590
ctggagaagg tgtgcagggg aaaccctgct gatgtcaccg aggccaggtt gtctttctac 60
tcgggacact cttcctttgg gatgtactgc atggtgttct tggtgctgta tgtgcaggca 120
cgactctgtt ggaagtgggc acggctgctg cgacccacag tccagttctt cctggtggcc 180
tttgccctct acgtgggcta cacccgcgtg tctgattaca aacaccactg gagcgatgtc 240
cttgttggcc tcctgcaggg ggcactggtg gctgccctca ctgtctgcta catctcagac 300
ttcttcaaag cccgaccccc acagcactgt ctgaaggagg aggagctgga acggaagccc 360
agcctgtcac tgacgttgac cctgggcgag gctgacnaca accactatgg atacccgcac 420
tcctcctcct gagg 434

<210> 1591
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 1591
gctttcgcca gaaaatgttg catgtcaaac aatatgtgat ccatactgtg tgtcgtcctt 60
ggggtttat ttgactttgt cacaatgaca gccaacagtg agactgataa gcctgtaaaa 120
ataaaaaaat aagactaatc aaatagacat ggcattttaa tctcaaagtg caaaatcatc 180
taactgaaaa tgacggcatt gagaaattcc agtggttaaa aatgaatcaa aacttcatta 240
cgcaggcagt ggaagtgtgt tgaaagattt accaggggtg tcaagtttta gacactcaga 300
aaggcaccat tctagccatc ttgattggat aacatgtata tacttatgtc cctacgatat 360
tcaaaagata atactgtttt agtacaaaac aatcaaacaa ggcaaagant caaaaccaag 420
ccaacccaaa tatccccag 439

<210> 1592
<211> 74
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(74)
<223> n = A,T,C or G

<400> 1592
tttttttttc taatgttcac agtccctgct ttatttccat ttgttcacac acnctttaaa 60
aaaaaaaaaa aaaa 74

<210> 1593
<211> 288
<212> DNA
<213> Homo sapiens

<400> 1593
ccatccgaag caagattgca gatggcagtg tgaagagaga agacatattc tacacttcaa 60
agctttggtg caattcccat cgaccagagt tggtccgacc agccttggaa aggtcactga 120
aaaatcttca attggattat gttgacctct accttattca ttttccagtg tctgtaaagc 180
caggtgagga agtgatccca aaagatgaaa atggaaaaat actatttgac acagtggatc 240
tctgtgccac gtgggaggcc gtggagaagt gtaaagatgc aggattgg 288

<210> 1594
<211> 455
<212> DNA
<213> Homo sapiens

<400> 1594
ccacacagac tcaccaagcc acagacttgt cttccacaag cacgttctta ccttagccac 60
gaagtgacca agccacacgt actaaaggtt gaactcaaag atatgtacag ggtattaaac 120

aaataccaag gggaacagtt aacttcaata caaggtcaaa atcagcaaca agttctacaa 180
tccagtgctg atatcagata caagcttcaa ggacaatttc ttttcgaagg cttattccag 240
tttcgtgagg ctagcatgag gtgtgtgcat ttgccagggg caaatttcta ttctcaatta 300
acccatgcag caaatgctac gcatctgctg agtccgttta gaagcatttg cggtggacga 360
tggaggggcc cgactcgtcg tactcctgct tgctaatcca catctgctgg aaggtggaca 420
gtgaggccag gatggagcca ccgatccaca ccgag 455

<210> 1595
<211> 367
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 1595
ccaggctacc ttcccactgg agacaggcag ggggacaggt gctaagggac ctggcaggca 60
gggctggcag gccccatggc gcctgttcca gcagatgaca agcccaggtc agggtagagc 120
gggcaggagg ggggacgagg gctcccacaa catgattttg tgtaaaatat ggcagcgaca 180
cacgctcagg gccgggaggt gggggttagg gtggggacgg cggcaacatc gtgtaaaaaa 240
gtgtcccagt tcccatagca aagagagctg tgaccgggtg ttcgagcttc tccagtacaa 300
gggggaaagc cgcccggcgg gggcggcggg cagggacatc atttggtttc ctggtgctgn 360
cagtccg 367

<210> 1596
<211> 193
<212> DNA
<213> Homo sapiens

<400> 1596
ctgttcttca tgcgcctggt ggggaagacg cccattgaga cactgatcag agacatgctg 60
ctgtcgggga gtaccttcaa ctggccctac ggctcgggcc agtgaccatg acggggccac 120
gtgtgctgtg gccaggcctg cagacagacc tcaagggaca gggaatgctg aggccccggg 180
aggcccctcg agg 193

<210> 1597
<211> 145
<212> DNA
<213> Homo sapiens

<400> 1597
ccatgctgga tgttctgctg cttagacctg atctgctgcc aattaccagg ggcaggtcaa 60
ggatgacctt cttggatcca ggaacgctaa catagatcag taaggaatat tcaactcgaa 120
ggatgttgca gcccaggata gaagg 145

<210> 1598
<211> 445
<212> DNA
<213> Homo sapiens

<400> 1598
ctgcctataa aactagactt ctgacgctgg gctccagctt cattctcaca ggtcatcatc 60

ctcatccggg agagcagttg tctgagcaac ctctaagtcg tgctcatact gtgctgccaa 120
agctgggtcc atgacaactt ctggtggggc gagagcaggc atggcaacaa atcccaagtt 180
agggtctcca atgagcttcc tagcaagcca gaggaagggc ttttcaaagt tgtagttact 240
tttggcagaa atgtcgtagt actgaagatt cttctttcgg tggaagacaa tggatttcgc 300
cttcactttc ctgtccttaa tatccacttt gttgccacac aacacaatgg ggatgttttc 360
acacactcgt accagatctc tatgccagtt aggcacattc ttgtaagtaa ctctcgatgt 420
tacatcaaac attatgatgg cacac 445

<210> 1599
<211> 142
<212> DNA
<213> Homo sapiens

<400> 1599
cctgccccag ggggaagcac ggacccgaga cgacggcgat gaggaagggc tcctgacaca 60
cagcgaggaa gagctggaac acagccagga cacagacgcg gatgatgggg ccttgcagta 120
agcagcctga caggagcaat gg 142

<210> 1600
<211> 297
<212> DNA
<213> Homo sapiens

<400> 1600
cctgcacttg aacatggctt tggttttaag caacttctct accctgaccc tcctcctggg 60
acagcgtttc gggaggtttc ttggcctcac tgagagggat gtggagctgc tgtaccccgt 120
caaggagaag gtattctaca gcctgatgag ggagagcggc tacatgcaca tccagtgcac 180
caagcctgac accgtaggct ctgctctgaa tgactctcct gtgggtctgg ctgcctatat 240
tctagagaag ttttccacct ggaccaatac ggaattccga tacctggagg atggagg 297

<210> 1601
<211> 289
<212> DNA
<213> Homo sapiens

<400> 1601
ctggagatga tcctcaacaa gccagggctc aagtacaagc ctgtctgcaa ccaggtggaa 60
tgtcatcctt acttcaacca gagaaaactg ctggatttct gcaagtcaaa agacattgtt 120
ctggttgcct atagtgctct gggatcccac cgagaagaac catgggtgga cccgaactcc 180
ccggtgctct tggaggaccc agtcctttgt gcctcggcaa aaaagcacaa gcgaacccca 240
gccctgattg ccctgcgcta ccagctacag cgtggggttg tggtcctgg 289

<210> 1602
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 1602
gggagggcag agggagaatg ggaagatcag gaagctctag attacttcag tgataaagag 60

tctggaaaac aaaagtttaa tgattcagaa ggggatgaca cagaggagac agaggattat 120
agacagttca ggaagtcagt cctcgcagat cagggtaaaa gttttgctac tgcatctcac 180
cggaatactg agaaggaagg actcaagtac aagtccaaag tttcactgaa aggcaataga 240
gaaagtgatg gatttagaga agaaaaaaat tatnaactta aagagactgg atatgtagtg 300
gaaaggccta gnactacaaa agataagcnc anagaagaag acaaaaattc tgaaagaata 360
acagtaanga aagaaactca gtcacctgag caggtaaa 398

<210> 1603
<211> 438
<212> DNA
<213> Homo sapiens

<400> 1603
ctggtgatct gctttcttac cctaactctt gacaaatgag tcgtctacta ttttaaagag 60
tctggaggtc tctgactctg ccataacaat aacctgctgt taatttataa cacagatttt 120
tgtttggaag agccttattt gaaatacact ttgattcatt ttcttaaata tttatattct 180
tttcttgctt acttcagggt tggtagctta gttggaagtg ccagcacctg gcacctattc 240
atatagaaca ggctgtactc aagacaactt ctagcattta ctttaagact tatataattt 300
atttctattt tgtgtgtact atagtcttgt gcatatgtag ttgaacacac agtgaaatat 360
atgtctctct ttgtggatgt gcggcctaaa aatttgaatg tctggtgaga gagagccatg 420
tgtataggtc agagaaaa 438

<210> 1604
<211> 297
<212> DNA
<213> Homo sapiens

<400> 1604
cctgcacttg aacatggctt tggttttaag caacttctct accctgaccc tcctcctggg 60
acagcgtttc gggaggtttc ttggcctcac tgagagggat gtggagctgc tgtaccccgt 120
caaggagaag gtattctaca gcctgatgag ggagagcggc tacatgcaca tccagtgcac 180
caagcctgac accgtaggct ctgctctgaa tgactctcct gtgggtctgg ctgcctatat 240
tctagagaag ttttccacct ggaccaatac ggaattccga tacctggagg atggagg 297

<210> 1605
<211> 451
<212> DNA
<213> Homo sapiens

<400> 1605
ggaaaggcta ttgtttctcg acagtttgtg gaaatgaccc gaactcggat tgagggctta 60
ttagcagctt ttccaaagct catgaacact ggaaaacaac atacgtttgt tgaaacagag 120
agtgtaagat atgtctacca gcctatggag aaactgtata tggtactgat cactaccaaa 180
aacagcaaca ttttagaaga tttggagacc ctaaggctct tctcaagagt gatccctgaa 240
tattgccgag ccttagaaga gaatgaaata tctgagcact gttttgattt gatttttgct 300
tttgatgaaa ttgtcgcact gggataccgg gagaatgtta acttggcaca gatcagaacc 360
ttcacagaaa tggattctca tgaggagaag gtgttcagag ccgtcagaga gactcaagaa 420
cgtgaagcta aggctgagat gcgtcgtaaa g 451

<210> 1606
<211> 272
<212> DNA
<213> Homo sapiens

<400> 1606
ccggagccca cggtggtcat ggctgccaga gcgctctgca tgctggggct ggtcctggcc 60
ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
ccagccaagg acagggtgga ctgcggctac ccccatgtca cccccaagga gtgcaacaac 180
cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gcccctgcag 240
gaagcagaat gcaccttctg aggcacctcc ag 272

<210> 1607
<211> 444
<212> DNA
<213> Homo sapiens

<400> 1607
ccaggctggt ctcaaactcc tcacctcaac tgatccgccc accttggcct cccaaagtgc 60
tgggattata ggtgtgagcc accgtgccca aagttaagta tttttgatca agtgttttgt 120
cttttgtgca aggcatttgt ggctctgtca tagcagagga aaacaaaaca tgcctatcaa 180
atgaatcaag tccgacctct tctcatattg agcaactaga ggtctaggaa catttcccct 240
acctgtcatt ctcatctggc ataccaggtg tacatactcc ttcttattct cctctgttac 300
caagatgttg gccccattgg gtttgaggtc acgaacttca caaactccaa actcttggac 360
ctcagtgctg aaggtgaggt catagcctag tgtggagaca tcattttcca gcagataaac 420
cagaccttgg tagaagtggt aatc 444

<210> 1608
<211> 189
<212> DNA
<213> Homo sapiens

<400> 1608
caaaatccaa aacttctctt gaaaagttca gggaccgtcc aggggagatg gggaggagat 60
atggagtgag tcacctgctc cagaagatgc cagcttctct ctccagggtg cttagttggc 120
tttgcccacc cctcactccc cagggagctc tggggacagc ttcctcgcac ccctgtccca 180
cccacacag 189

<210> 1609
<211> 426
<212> DNA
<213> Homo sapiens

<400> 1609
cttttgttat ccttagagga ctcactggtt tcttttcata agcaaaaagt acctcttctt 60
aaagtgcact ttgcagacgt ttcactcctt ttccaataag cttgagttag gagcttttac 120
cttgtagcag agcagtatta acacctagtt ggttcacctg gaaaacagag aggctgaccg 180
tggggctcac catgcggatg cgggtcacac ggaatgctgg agagatgtta tgtaatatgc 240
tgaggtggcg acctcagtgg agaaatgtaa agactgaatt gaattttaag ctaatgtgaa 300
atcagagaat gttgtaataa gtaaatgcct taagagtatt taaaatatgc ttccacattt 360
caaaatataa aatgtaacat gacaagagat tttgcgtttg acattgtgtc tgggaaggaa 420
gggcca 426

<210> 1610
<211> 447
<212> DNA
<213> Homo sapiens

<400> 1610

cagggctata gtgcgctatg ttgatctggt gttcatgcta agttccgcat caatatggtg 60
acttcttggg agtgggggac caccaggttg cctaaggagg ggtgaacctg cctacgttgg 120
aaatagagct ggtcaaaact cctgtgctca tcagtagtag aattgcacct gtgaatagcc 180
accgccctcc agcatgggca acatagcaag accctgcctc ttaagataaa aattggaaaa 240
cactggtagg aaaaaaaggc tgtttggtct aaataagtct ggattgggta taaatgacac 300
aaaactatca tgaatttgaa agcatttcta atttcttgaa agtctgaaaa agtttaaaca 360
gaattttagc tgaaaagtcc tgaaagacat ttgaaaaaaa acagcaagaa cacttaaaac 420
tattcaaggt ttgggctggg cacagtg 447

<210> 1611
<211> 238
<212> DNA
<213> Homo sapiens

<400> 1611
ccaccggggt tgacctctct cgctagcagg gcccacccag ctcactcccc gcgtcttcca 60
tcccctctag gattcccatt gtcccctact ccagcactag gcaggcaccc ccagcccact 120
gcgactccca ccacgaagga ccccagccct ctctcagcca acacggcccc gcccaccgtc 180
tcagacatcg tgcttcttct ggtgggccag gagtctctcc tcgtcgtcga aggtctgg 238

<210> 1612
<211> 293
<212> DNA
<213> Homo sapiens

<400> 1612
ctgctgcttg tatcctcggg agagggtttc ccactctgag cgggtgggaa ggcaatgcca 60
aacatccggg aaaaataaaa ccactgtctc cacatgagct ggaactgtac gccccttgtg 120
ggtctcctca gggcgatggt agcgaatctc tgcaaaacgg taccattgtg tgcacacact 180
tagatcaatg cctgtcagag ccttacaaca acgaatagca gtcttaatca acacagaggg 240
atctttttct gggtctggtc catccaacga aggagaccag tggcccccaa tgg 293

<210> 1613
<211> 224
<212> DNA
<213> Homo sapiens

<400> 1613
ctggattgac cccaaccaag gctgcaacct ggatgccatc aaagtcttct gcaacatgga 60
gactggtgag acctgcgtgt accccactca gcccagtgtg gcccagaaga actggtacat 120
cagcaagaac cccaaggaca agaggcatgt ctggttcggc gagagcatga ccgatggatt 180
ccagttcgag tatggcggcc agggctccga ctctgccgat gtgg 224

<210> 1614
<211> 439
<212> DNA
<213> Homo sapiens

<400> 1614
ctccaccctg gcgatggctc cctggtccta ctttctctct caaactggct ttttctcatt 60
cctttgactc cgccagactt cctcgccccc atgacctggt gttgtgtctg atcaccccaa 120
cattcctggc tgcccaatgt ggggcaatga agaccccagt gaaggaatgc tagagtgtgt 180
gaaagtggag gacgcatcgt caaaggacac ctgaggacgt ctcaaagaag ctcggcggga 240
gagctgagcg ctcggaagaa ccaagaatca tctcttttga aaaatcgatt catcaaatga 300

atcttcggcc aacaactgtt caagaaggat tcaaatatca caggttccaa gaagtaaagc 360
tttggaggtc acaaaattag caatagaagc tgggttccgc catatagatt ctgctcattt 420
atacaaataa tgaggagca 439

<210> 1615
<211> 237
<212> DNA
<213> Homo sapiens

<400> 1615
aggcactcct ggaagtggtt cagtcaggtg gcaaaaacat tgaacttgct gtcatgaggc 60
gagatcaatc cctcaagatt ttaaatcctg aagaaattga gaagtatgtt gctgaaattg 120
aaaaagaaaa agaagaaaac gaaaagaaga aacaaaagaa agcatcatga tgaataaaat 180
gtctttgctt gtaattttta aattcatatc aatcatggat gagtctcgat gtgtagg 237

<210> 1616
<211> 266
<212> DNA
<213> Homo sapiens

<400> 1616
ctgggctcta gtttcattcc atctgtcatt ctcaggtaac agggacacat gtccaagtgt 60
tggccccccgt ggcatgattg tagctttgtt gataggcatt gcatcttttg tgtaatatgc 120
aataatggca tgaccagatt catgatatgc tgtgatggtt ttgtttttgt tatcaatttc 180
cacacttctt ctttcaggcc ccattagaat tttgtctttg gaaaactcca gctccttcat 240
ggtaaccatt tcttttccat caacag 266

<210> 1617
<211> 185
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(185)
<223> n = A,T,C or G

<400> 1617
ccatggctag gtttatagat agttgggtgg ttggtgtaaa tgagtgaggc aggagtccga 60
gnaggttagt tgtggcaata aaaatgatta aggatactag tataagagat caggttcgtc 120
ctttagtgtt gtgtatggtt atcatttgtt ttgaggttag tttgattagt cattgttggg 180
tggtg 185

<210> 1618
<211> 354
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 1618

ctgttaacag ataagtttaa cttgcatctg cagtattgca tgttagggat aagtgcttat 60
ttttaagagc tgtggagttc ttaaatatca accatggcac tttctcctga ccccttccct 120
aggggatttc aggattgaga aatttttcca tcgagccttt ttaaaattgt aggacttgtt 180
cctgtgggct tcagtgatgg ngatagtaca catntcactc agagngcatn tntgcatctt 240
ntaanatana tttcttaaaa gcctctaaag tgatcagntg ccttgatgcc aactaaggaa 300
atttgtttag cattgaatct ctgaaggctc tatgaaagga atagcatgat gtgc 354

<210> 1619
<211> 170
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 1619
ctgtgctgtg gagagaagct gatgttttgg tgtattgtca gccatcgtcc tgggactcgg 60
agactatggc ctcgcctccc caccctcctc ttggaattac aagccctggg gtttgaagct 120
gactttatag ctgcaagtgt atctnnnctt tatctggtgc ctcctcaaac 170

<210> 1620
<211> 386
<212> DNA
<213> Homo sapiens

<400> 1620
cctgttgatt gcatactgta gaagatttga tgttcagact ggttcttctt acatatacta 60
tgtttcgtct acagttggta aatttttgtt tttctttgta ttaaatgttg aattgtattg 120
tctggaggaa aagacagagg tctaaaaata aagaaggagt acagtttggg catggtggtt 180
caccctgga gtcctagcac tttgggggcc aaggcaggca gattgcttga gcccaggagt 240
tctagatgag cctgggcaac atagtgagac cccatctcta aaaaaacagt tttagggcca 300
ggcacagtgg ctcacacctg taagcccagc actttgggag gccgaggcag gcagatcata 360
agggcaagag attgagacca tcctgg 386

<210> 1621
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 1621
ccaattctgc ccgttccccg tgggccaaca acactggggt tgtatgcgtc tggaaccctg 60
tgatagtctt cggcttgcca gcctggccca ccacatccac tgcctggccc acacggacag 120
acactggcaa tggccgcagc tcctcatcaa acgtaaccag cattcggggc tgcatggcag 180
ccaccagccc atacaataca tagtgtgatt tgcctagaat aatgtttcga acatccagga 240
aagagacaag cacagtgagc agtccancca cggccacctg gctcataagc tgccggtcgc 300
tgtggtaggg gcagagggta agggtgccct tccctaaatg tgtcag 346

<210> 1622
<211> 366
<212> DNA
<213> Homo sapiens

<400> 1622
ggaagtttgt gctctctgcg tggctaagtt tttcacctac taggacgggg gtggggtggg 60
gagaacaggt gtccttctaa aatacagcac aagctacagc ctgcgtccag ccataaccca 120
ggagtaacat cagaaacagg tgagaatgac cactttaact caccgggccc gtcgcactga 180
aataagcaag aactctgaaa agaagatgga aagtgaggaa gacagtaatt gggagaaaag 240
tccagacaat gaagattctg gagactctaa ggatatccgc cttactctta tggaagaagt 300
attgcttctg ggactaaaag ataaagaggg gtacacatct ttctggaatg actgcatatc 360
atcagg 366

<210> 1623
<211> 165
<212> DNA
<213> Homo sapiens

<400> 1623
ctgttgattg gctgtgacac tgctttgtgt catcttctta ccatgatcaa aggcgaagga 60
agggatctct tttgggacat tgtgattgtt ttagcagaga gagaaagaga tgaaatacac 120
ttcggttttc tcttaaaaga tgcatgtatc atacagtgct ttaag 165

<210> 1624
<211> 227
<212> DNA
<213> Homo sapiens

<400> 1624
ccaatgcccg gagcaggccc tctttccatc ccctgtcgga tgagctggtc aactatgtca 60
acaaacggaa taccacgtgg caagccgggc acaacttcta caacgtggac atgagctact 120
tgaagaggct atgtggtacc ttcctgggtg ggcccaagcc accccagaga gttatgttta 180
ccgaggacct gaagctgcct gcaagcttcg atgcacggga acaatgg 227

<210> 1625
<211> 373
<212> DNA
<213> Homo sapiens

<400> 1625
ctgtagcttt tgtgggactt ccactgctca ggcgtcaggc tcaggtagct gctggccgcg 60
tacttgttgt tgctttgttt ggagggtgtg gtggtctcca ctcccgcctt gacggggctg 120
ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacttat gagacacacc 180
agtgtggcct tgttggcttg aagctcctca gaggagggtg ggaacagagt gaccgagggg 240
gcagccttgg gctgacctag gacggtcagt ttggtccctc cgccgaacac ccgaagataa 300
ttagtgctgt ctgttgagta acaatagtag tcaccttcat cttccacctg ggccccagtg 360
atggtcaagg tgg 373

<210> 1626
<211> 367
<212> DNA
<213> Homo sapiens

<400> 1626
ccagacgtgg tggctcacac ctgcaatccc agcaccttag gaggccgagg caggaggatc 60
cttgaggtca ggagttcgag accagcctcg ccaacatggt gaaaccccat ttctactaaa 120
aatacaaaaa ttagccaagt gtggtggcat atgcctgtaa tcccaactac tcagaaggcc 180
gaggcaggag aattacttga acgcaggaga atcactgcag ccctggaggc agaggttgca 240
gtgagccgag attgcaccac tgtactccag cctgggtgac agagcaagac tccatctcag 300
taaataaata aataaataaa aagcgctgca gtagctgtgg cctcaccctg aagtcagcgg 360
gcccagg 367

<210> 1627
<211> 424
<212> DNA
<213> Homo sapiens

<400> 1627
ctggataagg acatcaatac cttctctatg cgtgtcaggg tgtggtacgg gtatcacttt 60
ccggagctgg tgaagatcat caacgacaat gccacatact gccgtcttgc ccagtttatt 120
ggaaaccgaa gggaactgaa tgaggacaag ctggagaagc tggaggagct gacaatggat 180
ggggccaagg ctaaggctat tctggatgcc tcacggtcct ccatgggcat ggacatatct 240
gccattgact tgataaacat cgagagcttc tccagtcgtg tggtgtcttt atctgaatac 300
cgccagagcc tacacactta cctgcgctcc aagatgagcc aagtagcccc cagcctgtca 360
gccctaattg gggaagcggt aggtgcacgt ctcatcgcac atgctggcag cctcaccaac 420
ctgg 424

<210> 1628
<211> 314
<212> DNA
<213> Homo sapiens

<400> 1628
tcgactgtta tagcttagaa agcaacacta ctactatgag actataaaac attaaactat 60
tttaagaaaa ccacgctgtg gaaaaatgga gccatttttg tcaaaaagtg gctcaaagca 120
caaaactgct cagatgttca agagtcctag gagtctgggc tgcacagtat taaggggtga 180
gaggagaccg acagcctgtt tgaatcaggc ttgtgagccc agctcatctg acaacttcaa 240
agagcttctc tgcctataca ttccaccgtt tagcataaga caccacttta cgctatttac 300
aagtctcctt ttgg 314

<210> 1629
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 1629
ctggaccagc accccattga cgggtacctc tcccacaccg agctggctcc actgcgtgct 60
cccctcatcc ccatggagca ttgcaccacc cgctttttcg agacctgtga cctggacaat 120
gacaagtaca tcgccctgga tgagtgggcc ggctgcttcg gcatcaagca gaaggatatc 180
gacaaggatc ttgtgatcta aatccactcc ttccacagta ccggattctc tctttaaccc 240
tcccccttcgt gttttccccc aatgtttaaa atgtttggat ggtntgttgt tctgcctgga 300
gacaaaggtg ctaacataga tttaagttga ataacattaa cggtgctaaa aaatgaaaaa 360

ttctaaccca agacatgaca ttcttagctg taa 393

<210> 1630
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1630
ctgcaagaat atcagaaatc aatacaaaca agtattgaca ggtgttacag acatgcaaaa 60
tatccttcaa tgcaacgaat ttttaagaaa tcagctagcc tatattaatc agatgtttta 120
ggtcaaacca agtttccatc tcgggctcag tgaaatagta ttaactcatt gagtctcctt 180
tcccccagga atgttgggaa tggcagaaca gaaagagcta tcactcctta aattctttta 240
tgcgagtgtt actccaacac ttattttact tggtttactt ggaatgtatg agaggaaact 300
gatgtttttt acaatgg 317

<210> 1631
<211> 262
<212> DNA
<213> Homo sapiens

<400> 1631
ccttaggcaa gtcaccttac ttatctaaga ctgtttcccc acctggaaga tgccctacaa 60
gcctcctgtg gctgtgttta gaaagcatgc ccggcctttc ttgacagcca gccaccccag 120
atgatggcag ggcaaggaag actgttagga gtcagagtgc tcccctcagg tggaaggaaa 180
ctgggccaac tctactttgt aagccatagg gtgccaggta gcccggccac cctgagcctg 240
tgcctccact gcccccgcgt gg 262

<210> 1632
<211> 138
<212> DNA
<213> Homo sapiens

<400> 1632
ctggaattaa ttcttcgaca actccagacc gaccttcgga aggaaaaaca agacaaggcc 60
gttctccaag cagaagtgca gcacctgaga caggacaaca tgagactgca ggaggagtcc 120
cagaccgcga cagctcag 138

<210> 1633
<211> 192
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 1633
ccttgaaggg acctcanagc aaaggaagag acctgggtgt ggtgaggcat cccanggcat 60
ggaagggacc ggttgtgctn ngggaatcca ctgnnccctc cttggnnaaa aaagcacaac 120
acatcataca tatttaccag accagaagcg ctggccccaa gtctccccaa cctggtcggg 180
ggaacctcct gg 192

<210> 1634

<211> 447
<212> DNA
<213> Homo sapiens

<400> 1634
ctgcttttaa aggtcttaaa tcactcgaat accttgactt gagcttcaat cagatagcca 60
gactgccttc tggtctccct gtctctcttc taactctcta cttagacaac aataagatca 120
gcaacatccc tgatgagtat ttcaagcgtt ttaatgcatt gcagtatctg cgtttatctc 180
acaacgaact ggctgatagt ggaatacctg gaaattcttt caatgtgtca tccctggttg 240
agctggatct gtcctataac aagcttaaaa acataccaac tgtcaatgaa aaccttgaaa 300
actattacct ggaggtcaat caacttgaga agtttgacat aaagagcttc tgcaagatcc 360
tggggccatt atcctactcc aagatcaagc atttgcgttt ggatggcaat cgcatctcag 420
aaaccagtct tccaccggat atgtatg 447

<210> 1635
<211> 364
<212> DNA
<213> Homo sapiens

<400> 1635
gttttatttg agacataaaa acacatgtgt ttctattaca tagtgtgggg tttagggtcc 60
tggtttctaa gacaagactt tatttcaccc tgtatcacag cttcctggga aatgaattag 120
ggagcaagag acggcctggc aagaaaatca ttattgttgc tgggaagttg caaagaaagg 180
ggagagttta ttcaaattag tgtaacagag cccccaggat gaagagagtg gtgcagggaa 240
aaggtctaaa ttcctggtgt tggtggggac actggcacat cccacagcaa ggactcagcc 300
ctcaacggcg gcggctgggt cttgggaggg gagtggtggg agggtaaggg ctcctcagct 360
ccct 364

<210> 1636
<211> 399
<212> DNA
<213> Homo sapiens

<400> 1636
ctggctggct agactgtttg tgcgccaaga ggatggtcag cgctgctttc cagcctggct 60
ctgctggggc gctggcatct ggttcagttc caccattctc cctgctttct ttgccaagtg 120
tgatattcac ccaagggcac cagtctctat gctgagaggt gggatcaaag aagcttcggg 180
aagatgtgtc cgaactgctg gaggagcaga ggcgagctcg cttggctttc cgcagagggc 240
tagatggtac ctccaggcca ggggtgtctc ctgttcccat gcttcgggtc actgggcgag 300
ttctggtggt ggggctagca gcctctggct caggacggtc aacaggactg gaagagtccc 360
agctccgagt tcgagagaca atgggaccag ggctctttt 399

<210> 1637
<211> 246
<212> DNA
<213> Homo sapiens

<400> 1637
ctgagctttc agcagataaa tcacagcaga aatagaatca ccctaggact ttcaatcaaa 60
agctggaagt ccaccttaca gaaagacaaa aagaaacccc tttttatatc ttaacaaagc 120
aatagctctc aagcagcaga gcatctcgag gaagaaagct tgcccggtcg ccatcccatc 180
atgccagagc gtgcagtgtc caccettgac tacgctgggg aattgctgat tttttgaaaa 240
agcttg 246

<210> 1638
<211> 453
<212> DNA
<213> Homo sapiens

<400> 1638
ccaagagttc tccactgtga agactgaaag gacctggtga catttcggca tcagtcctgt 60
taccacttgg aggtaacaga agcaggctcg tgtcctcctt taattctacc acactacatg 120
actcgcaatt ggttctgaaa ttagaacgtt caccatcgta cttaaaatct taggggcatg 180
aagagtcagc tagaacaagg aaaaagaaag tcgcaggtag taggtaagta ggtgggcaca 240
tgaaaagcca agctgctctg tccaacacca gtgtacatgt gctttaacta aatgaactcc 300
agaggccaac agcagcagac ctgctcaatt caccttccaa atcagaacaa gaccaaaaag 360
ctcaggcttg agttgtcaac tatgcatagg ttccgccagt gatgaggagc tcgtaagcag 420
gatctctact ccttctgcac aacacgatgc aag 453

<210> 1639
<211> 197
<212> DNA
<213> Homo sapiens

<400> 1639
tttgctgttc gtgatatgag acagacagtt gcggtgggtg tcatcaaagc agtggacaag 60
aaggctgctg gagctggcaa ggtcaccaag tctgcccaga aagctcagaa ggctaaatga 120
atattatccc taatacctgc caccccactc ttaatcagtg gtggaagaac ggtctcagaa 180
ctgtttgttt caattgg 197

<210> 1640
<211> 278
<212> DNA
<213> Homo sapiens

<400> 1640
ccagagcggt gagtcccacc acctcgaact ctgggaattc gagccacagc tctgccagta 60
ccccaagact cagcactagt ctgatgacct gctaattcac tgacagcata gggctgtctg 120
ttgtttttgc gcaagttggt gtgaacaaag ttcacaatat ctggtcgaat aggagccttg 180
aatacagcag gcaaagtgac atttttgcca gatgactccc ccttttcgga gtacaccgat 240
atcagtgggc gagcgcacgc catggcggac ctcggccg 278

<210> 1641
<211> 227
<212> DNA
<213> Homo sapiens

<400> 1641
ccattgttcc cgtgcatcga agcttgcagg cagcttcagg tcctcggtaa acataactct 60
ctggggtggc ttgggcccac ccaggaaggt accacatagc ctcttcaagt agctcatgtc 120
cacgttgtag aagttgtgcc cggcttgcca cgtggtattc cgtttgttga catagttgac 180
cagctcatcc gacaggggat ggaaagaggg cctgctccgg gcattgg 227

<210> 1642
<211> 299
<212> DNA
<213> Homo sapiens

<400> 1642
ctgcacatca aggacatctt caggaagttc aggattgccg tagctaaact gaaaaccacc 60
atccatggac tctccaaacc aaacgtgttt cttctcagca ctagaatctg tccaccagtg 120
tttccgtgga acattcaaag gattggcact tatgcatgtt tccccagttt ccatattaca 180
gaataccttg atagcatcca atttgcatcc ttggttaggg tcaacccagt attctccact 240
cttgagttca ggatggcaga atttcaggtc tctgcagttt ctagcggggt ttttacgag 299

<210> 1643
<211> 301
<212> DNA
<213> Homo sapiens

<400> 1643
ccaagggcta caatgagcag cgcatcagac agaacgtgca ggtttttgag ttccagttga 60
ctgcagagga catgaaagcc atagatggcc tagacagaaa tctccactat tttaacagtg 120
atagttttgc tagccaccct aattatccat attcagatga atattaacat ggagagcttt 180
gcctgatgtc taccagaagc cctgtgtgtg gatggtgacg cagaggacgt ctctatgccg 240
gtgactggac atatcacctc tacttaaatc cgtcctgttt agcgacttca gtcaactaca 300
g 301

<210> 1644
<211> 365
<212> DNA
<213> Homo sapiens

<400> 1644
ctggtgagcg aaggatggga gcagagaaca gagctaaaac ccctggtttt cctttcccca 60
gatgtaaagc ctgctagctg gaactcacag aagattggaa caaaaagata ggagatggac 120
acctggggga ctgctccagc acgaagggaa gcgatgagca tcacacagca gggccattgc 180
aggggacagg tgctgtaatt cctgcccaga gaacttgaaa gcttacagtg tgctcacagg 240
aaggaatcgg ctcagctagt ccagaaattg ctgcatttcc catattactt agttctttat 300
tcatcctgtg gtaaagagtc acccttgttt tccgtatcta taaaactgaa agacttaaaa 360
tttac 365

<210> 1645
<211> 249
<212> DNA
<213> Homo sapiens

<400> 1645
ctggtgctgg aactgcagaa agttaagcag gagaacatcc agctagcggc agacgcccgg 60
tctgctcgtg cctatcgaga cgagctggat tccctgcggg agaaggcgaa ccgcgtggag 120
aggctggagc tggagctgac ccgctgcaag gagaagctgc acgacgtgga cttctacaag 180
gcccgcatgg aggagctgag agaagataat atcattttaa ttgaaaccaa ggccatgctg 240
gaggaacag 249

<210> 1646
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(433)

<223> n = A,T,C or G

<400> 1646
ctgtggccgg attgatgggg cccccacttc ctagggctga aggcaagttg aaggaagcag 60
caggagtacc ggaatgaaaa ccttgtttct caaaggactg ctgggttttg gagtacacag 120
aacccgagat atctggcacg cccgtgttac tggaggtgac tgaaacacca gtgttgtatc 180
catgagaccc atatccactc ggctgttgga aaggggtggc cgatgcattc acactgacat 240
tcacaccatg ctgcttggaa gaggtaggag ccacagggaa cacagcaggc ccatactgga 300
aggtgctggg gaggcccggg acccctgtat agtatggcag gctggtgtaa actgtagcca 360
ggaggcagcg ccgggttcag gaatgtctgc tgcgtggnat ggtgagtctg cgtctggttt 420
ctgttggggt tgg 433

<210> 1647
<211> 451
<212> DNA
<213> Homo sapiens

<400> 1647
ccagcttgca agcacgctgg caaatctctg tcaggtcagc tccagagaag ccattagtca 60
ttttagccag gaactccaag tccacatcct tggcaactgg ggacttgcgc aggttagcct 120
tgaggatggc aacacgggac ttctcatcag gaagtgggat gtagatgagc tgatcaagac 180
ggccaggtct gaggatggca ggatcaatga tgtcaggccg gttggtagcg ccaatgatga 240
acacattttt ttttgtggac atgccatcca tttctgtcag gatctggttg atgactcggt 300
cagcagcccc accaccatct ccaatgttac ctccacgagc cttggcaatc gaatccagct 360
catcaaagaa tagcacacag ggggcagctt ggcgggcctt gtcaaagatt tctctgacat 420
tggcctcaga ctccccaaac cacatggtga g 451

<210> 1648
<211> 176
<212> DNA
<213> Homo sapiens

<400> 1648
cctaaacgag gatttcagct tccattatgc ccaactccag tccaacatca ttgaggcgat 60
taatgagctg ctagtggagc tggaagggac aatggagaac attgcagccc aggctctgga 120
gcacattcac tccaatgagg tgatcatgac cattggcttc tcccgaacag tagagg 176

<210> 1649
<211> 435
<212> DNA
<213> Homo sapiens

<400> 1649
tgtggctgtg ccgttggtcc tgtgcggtca cttagccaag atgcctgagg aaacccagac 60
ccaagaccaa ccgatggagg aggaggaggt tgagacgttc gcctttcagg cagaaattgc 120
ccagttgatg tcattgatca tcaatacttt ctactcgaac aaagagatct ttctgagaga 180
gctcatttca aattcatcag atgcattgga caaaatccgg tatgaaagct tgacagaccc 240
cagtaaatta gactctggga aagagctgca tattaacctt ataccgaaca aacaagatcg 300
aactctcact attgtggata ctggaattgg aatgaccaag gctgacttga tcaataacct 360
tggtactatc gccaagtctg ggaccaaagc gttcatggaa gctttgcagg ctggtgcaga 420
tatctctatg attgg 435

<210> 1650
<211> 246

<212> DNA
<213> Homo sapiens

<400> 1650
ccatgtctgt attgtaactg gtaaaaggct tcaagtcaga ttgatgatca agaaaagtca 60
aaaccccagc ccaagattgg gaaagcaggt ggtggttcca agcttttaaa aaattattga 120
agctctccat cctgttctgt gagtgtgtct tctctttctc cttcacgtca tagccgtgac 180
ccaccgttca tctctgctct tgcgtaaaga tgaccgatgg agtccaaagc caagtggctt 240
caccag 246

<210> 1651
<211> 400
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 1651
cggcaagttc tcccaggaga aagccatgtt cagttcgagc gccaagaccg tgaagcccaa 60
tggcgagaag ccggacgagt tcgagtccgg catctcccag gctcttctgg agctggagat 120
gaactcggac ctcaaggctc agctcaggga gctgaatatt acggcagcta nngaaattga 180
agttggtggt ggtcggaaag ctatcataat ctttgttccc gttcctcaac tgaaatcttt 240
ccagaaaatc caagtccggc tagtacgcga attggagaaa aagttcagtg ggaagcatgt 300
cgnctttatc ggctcagagg aggaattctg cctaagccaa ctcnaaaaag ccgnacnaaa 360
aattanngca aaaagcgtnc caggagccgt nctctgacag 400

<210> 1652
<211> 338
<212> DNA
<213> Homo sapiens

<400> 1652
ctgggggtgc ccatcttctg tgctctgtgg tacatatctg tgtcgccaaa gtagcgtgcc 60
cggtacagca agccttcctt ctgctgcttc tccttccagc agttgttccg gaggttggcg 120
atataatcat cttccacatt ccgctcgact gttttgaggc tggagcctgt gtactcttcg 180
gagaaagtgt ctcccacata gtagacgaca cccaggtggt cagtgactcg cctgtggatg 240
tggcccacag acggtcttgg actcagactg tagggtggac tggagaccat gagctggctg 300
agagctgaca cgagaatcag gatgaggata ggcatcag 338

<210> 1653
<211> 167
<212> DNA
<213> Homo sapiens

<400> 1653
gcggtggagc cgccaccaaa atgcagattt tcgtggaaac ccttacgggg aagaccatca 60
ccctcgaggt tgaaccctcg gatacgatag aaaatgtaaa ggccaagatc caggataagg 120
aaggaattcc tcctgatcgg cagagactga tctttgctgg caagcag 167

<210> 1654
<211> 1034
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1034)
<223> n = A,T,C or G

<400> 1654
atgcatgctc gagcggccgc cagtgtgatg gatatctgca gaattcgccc ttagcgtggt 60
cgcggccgag gtccaagagg gagataanac aaacttctca aacaaaaaga aaagaaaaac 120
gaatgattca tctgctttaa tcagtgtgat taatgcagca cccattgccc cgggaaccgt 180
ttctgctgta ctatctggat actaaaatgt tacggaagta gctctttgtt ctccctcact 240
ctgcccttag ttaatagaaa ttcagactcg ccaagtaagg ctttgtgcat agtgtcttca 300
tgtcgcgtat agttgagcgc gttcttagca gttggcttca tggacagctc attagtgttt 360
tgacttttct tacccagcgt taattgaatt cttgctttta gacaacttcc tttttgtagt 420
ggtgaacctt gccctttagt acagttcaag tgaatctgga taattgttca tctttgcttt 480
agcttagata ccatgtagtg gtctgtggct acaggaagct ggttctgtct gcttccacag 540
tctgcttaaa aaactgtctg acttcgtgaa tatagagacc aagtttacca cttctgatga 600
agagaccaat taagattcat tcctcattct gtttctttcc agtgggagaa gagtccccat 660
gaaataagat gaaactgatt ccatgcacta gtacatgtag gcttctccct tgcgcaaagc 720
ttaacaattt gtaggaaact ttgggtcttt ttgtcccaag aaaaaggaat gtcttgacag 780
gcttaaagct tttcgtcccc ttgcacctta aaactcgaaa gttaggnaaa atccctttaa 840
agggcttttt ttaatagcca gaacttccca aaaggaatgg cnttttaggg aatttcntag 900
ccatngcttt ttaaatttaa agaaattttt aanaaccttg ccccngggggn ggggncccgc 960
tccaaaaagg ggnggnaaaa ttccccagcc nacccttttng ggggggggccn cgttttcctt 1020
tnnngggggg aanc 1034

<210> 1655
<211> 487
<212> DNA
<213> Homo sapiens

<400> 1655
atgcatgctc gagcggccgc cagtgtgatg gatatctgca gaattcgccc tttcgagcgg 60
ccgcccgggc aggtcctact cttctccgtc cattgtacta tctgcccgtg gtggggatgg 120
cagtaggatc atatttgatg acttccgaga agcatattat tggctccgtc ataatactcc 180
agaggatgcg aaggtcatgt cctggtggga ttatggctat cagattacag ctatggcaaa 240
ccgaacaatt ttagtggaca ataacacatg gaataatacc catatttctc gagtagggca 300
ggcaatggcg tccacagagg aaaaagccta tgagatcatg agggagctcg atgtcagcta 360
tgtgctggtc atttttggag gacctcggcc gcgaccacgc taagggcgaa ttccagcaca 420
ctggcggccg ttactagtgg atccgagctc ggtaccaagc ttggcgtaat catggtcata 480
gctgttt 487

<210> 1656
<211> 514
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(514)

<223> n = A,T,C or G

<400> 1656
atgcatgctc gagcggcccg ccagtgtgat ggatatctgc agaattcgcc cttancgtgg 60
tcgcggccga ggtcctaccc ataatccaga gaggcttgcc cagaggagga ctacgtgggg 120
gacgtgccac cagaacccta cttgggggcg ggatgtcact ccgaggtcaa aacctgctcc 180
gaggtggacg agccgtagct ccccgaatgg gcttaagaag aggtggtgtt cgaggtcgtg 240
gaggtcctgg gagagggggc ctagggcgtg gagctatggg tcgtggcgga atcggtggta 300
gaggtcgggg tatgataggt cggggaagag ggggctttgg aggccgaggc cgaggccgtg 360
gacgagggag aggtgccctt gctcgccctg tattgaccaa ggagcagacc tgcccgggcg 420
gccgctcgaa gggcgaattc cagcacactg gcggccgtta ctagtggatc cgagctcggt 480
accaagcttg gcgtaatcat ggtcatagct gttt 514

<210> 1657
<211> 605
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G

<400> 1657
atgcatgctc gagcggccgc cagtgtgatg gatatctgca gaattcgccc tttcgagcgg 60
ccgcccgggc aggtccanac gctgacattg nttctgagtc cttaagcagg aaggatttga 120
aatcctggag cttggcagtc ttgctcttca cctctaagcc aatgttgacc ccttcatcta 180
taaagtccac aactctccgg aagtcatcct cacggaactg tcgagaagtt aaggctgggg 240
ccccaagccg caggccgccc ggtgtgatgg cacttcggtc tccaggacag gtgttcttgt 300
tggcagtgat ggatacaagc tctagcaccc gctcagcccg agctccatcc aggcccttgg 360
gccgcaggtc caccagcacc aggtggttgt cagtaccacc tgataccagt gagtagcctc 420
gccctagcag ggcatctgcc atggcccgag cattcttcag aacctgcagg gagtactccc 480
ggaacatggg ggtgcaggac ctcggccgcg accacgctaa gggcgaattc cagcacactg 540
gcggccgtta ctagtggatc cgagctcggt accaagcttg gcgtaatcat ggtcatagct 600
gtttc 605

<210> 1658
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

<400> 1658
agnnttccgn cggccctcna gntgcatgct cgagcggccg cgcagtgaga tgnatatctg 60
cagaattcgc ccttancgtg ggcgnangca tgacgctcgg gatcagaact aaaacaagtg 120
agatcacccc tctaattatt tctgaactng gttaataaaa gcttataaga tttttatgaa 180
gcanccactg tatgatattt taagcaaata tgttatttaa aatattgatc cttcccttgg 240
accaccttca tgttagttgg gtattataaa taagagatac aaccatgaat atattatgtt 300
tatacaaaat caatctgaac acaattcata aagatttctc ttttatacct tcctcactgg 360
ccccctccac ctgcccatag tcaccaaatt ctgttttaaa tcaatgacct aagatcaaca 420

atgaagtatt ttataaatgt atttatgctg ctagactgtg ggtcaaatgt ttccattttc 480
aaattattta gaattcttat gagtttaaaa tttgtaaatt tctaaatcca atcatgtaaa 540
atgaaactgt tgctccattg gagtagtctc ccacctaaat atcaagatgg ctatatgcta 600
aaaagagaaa atatggtcaa gtctaaaatg gctaattgtc ctatgatgct attatcatag 660
actaaccgac atttatcttc aaaacaccaa attgtcttta gaaaaaatta atngtgatta 720
ccaggtagaa ggacctgccc gggcggnccg ctcgaaaggg ccgaaattcc agccccacct 780
gggc 784

<210> 1659
<211> 789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

<400> 1659
tngngccctc tagatgcang ctcgagcggc cgccagtgtg atggatatct gcagaattcg 60
cccttagcgt ggtcgcggcc gaggtccatt aaagataagt ttggctaact attttactga 120
agagactaat ggtcttccct ctgttgtact gctatgtttc ttgatctgtt tttccccaat 180
gtaacagtct acattgaagt cctttagctc tctccatata ctaattgaca tttgttaagg 240
attcaatatt ttgtgaattc tttttaccct taaaatgcat atctttcaga gagataagaa 300
tgaattttgc aataatttat atgcagagtg tgcttatggg tttctgggag ttcaagttag 360
taccccagag tgcttaaaag tacgatgcta aattctaagg ctaatgtaat gactgtagat 420
tatctatgtc cacattgttc aacagaaata taatgtgaac cacaacataa tttttaattt 480
tctagtagcc atattaaaaa agaaacaagc aaaattaatt ttaataacag tttatgtaac 540
ccagtatatt aaaaatatca tttcaacatg taatcaatat aaaagattat taatgaaaca 600
ccttatcctc tttttcttcc atgctaagtc ttagatttga gtgtattttg cactcacagc 660
acatctcaat tctgactgga cctgcccggg cggccgctcg aaagggcgaa ttccagcaca 720
ctgggcggcc gttactagtg gatccgagct ccggtaccaa gcttggcgta atcatggtca 780
tagctgttt 789

<210> 1660
<211> 559
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

<400> 1660
ccncgccctc tagatgcatg ctcgagcggc cgccagtgtg atggatatct gcngaattcg 60
ccctttccag cggccgcccg ggcaggtcca tcagacttct tgggtgcctg gctatattca 120
atgtgaagta aaaaatatcc caagtcttac accaaaatag aggctctgac ttagaagtat 180
gcttttagct ttctttttaa ataagacatt ctggaagaaa aaaaaagaaa aaggaaagaa 240
aatcaagttt gaaacacagt taacacttat tttggcaaga aagcaaccaa aatctaaaaa 300
gcataaacta tgngtccaaa tgnaaaaggn attacagaac aaactgcaag aggggaaaat 360
taaagccnca ctgaacgaaa aaatacagta tgtctaacat tttggaattg naatttaaac 420
cctaagggca aaagctgaaa aatcatgctt anacctnggn cgngaccacn ctaagggcga 480
attccancac actggcggnc gttactagtg gatccnanct cggtaccaag cttggcgtaa 540

tcctnggcat agctgtttc 559

<210> 1661
<211> 453
<212> DNA
<213> Homo sapiens

<400> 1661
ttgggccctc tagatgcatg ctcgagcggc cgccagtgtg atggatatct gcagaattcg 60
ccctttcgag cggccgcccg ggcaggtctg cagtgtccct ttttatatca tgctagtgtt 120
gagacatact tgactaactt gggaacagtt cgatatattg acaaccgtca acttaagaaa 180
atcaacagct tttggcccca gcgtccaagt gaacttttca tggagtgcag aatctcaaat 240
ggacaaaata ctttgtcttt ttaaatactg aaaatttaat tattagtact atgactgaaa 300
gattcttcat ggctaaaaag ctctgcatca aactcaattc aggaggacct cggccgcgac 360
cacgctaagg gcgaattcca gcacactggc ggccgttact agtggatccg agctcggtac 420
caagcttggc gtaatcatgg tcatagctgt ttc 453

<210> 1662
<211> 809
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(809)
<223> n = A,T,C or G

<400> 1662
ctcgagcggc cgccantgtg atggntatct gcagaattcg cccttancgg ccgcccgggc 60
aggtccttag ccaaagaatg cagtggagcc ttccccccngg ggctgcattg tgaatgaata 120
ccaattgaca gcataaaaat taatagtccc atatcagatc tggaaggggt ttctggggct 180
gtctgatgtc cctatcctgt tgtagtgaac acaatagcag aaaattcttt ctgggtccat 240
ctgctataaa gtcttggtaa aacagcatta ctatgaagag gatgaactca cctaccttca 300
natggaggaa aagtgaaaag gacttaggct ttagtcctcc atgacttttc ttaagcacta 360
cctacctgta ataagctgag tgcaaaagga tgccgaagaa aatctgcacc cagaagctgt 420
tagaaagcac tgcagangaa cagggnatga ataaaataaa nagntcttaa taaaccctta 480
agattctttg ntcaaggggn actttgccaa aaggggcaga atangngggn aaagagttgc 540
ttttaatcta gctctacact ggcntttgaa aataaaattt gcccatttng aaatatatng 600
ggntataatt aaaatgnggc tttttacact ggnggggcta tataaaaact gggtagnnaa 660
atttccaccg agcatntatg gngatttgnt cacagnaaac ctccgggcng gacccacgct 720
aagggnggaa ttccagcnac antgggggggg ncngntacct anagtggatc ccnagnctng 780
gggnccccna ancttgggg gngtnaatc 809

<210> 1663
<211> 585
<212> DNA
<213> Homo sapiens

<400> 1663
ttgggccctc tagatgcatg ctcgagcggc cgccagtgtg atggatatct gcagaattcg 60
cccttgccgc ccgggcaggt gatggatgag gagcaaaaac tttatacgga tgatgaagat 120
gatatctaca aggctaataa cattgcctat gaagatgtgg tcgggggaga agactggaac 180
ccagtagagg agaaaataga gagtcaaacc caggaagagg tgagagacag caaagagaat 240
atagaaaaaa atgaacaaat caacgatgag atgaaacgct cagggcagct tggcatccag 300

gaagaagatc ttcggaaaga gagtaaagac caactctcag atgatgtctc caaagtaatt 360
gcctatttga aaaggttagt aaatgctgca ggaagtggga ggttacagaa tgggcaaaat 420
ggggaaaggg ccaccaggct ttttgagaaa cctcttgatt ctcagtctat ttatcagacc 480
tcggccgcga ccacgctaag ggcgaattcc agcacactgg cggccgttac tagtggatcc 540
gagctcggta ccaagcttgg cgtaatcatg gtcatagctg tttcc 585

<210> 1664
<211> 999
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(999)
<223> n = A,T,C or G

<400> 1664
anccngctcn agcggccgcc antgtgatgg atatctgcag aattcgccct ttcgagcggg 60
ccgcccgggc aggtctgaca atngattaaa caggcgacat gcaaccccca ctaaggttaa 120
aagtccaaaa ctactcacac gcatctcttn attggggaaa agctgagact attatncatt 180
cttggtagnc ttgcaacctt gcatgaagag cacccattgc atttctttca tctttcagaa 240
agcaccggta tctgttccaa gggnctaaca gtacnaaaat acnttntggg attacacctt 300
tnaaacccaa nactgttntc attaaaaata attttggntt gtaacaaaat tatgaaatac 360
aatgcaagca cctnggtata gcattattac tgaaaccact taattcccag ctttttgagt 420
tttttaaaaa aacccactgc actaagattc acaattcatt gctacataca aattaaagct 480
agtaagaaca cactaacgtc acaagtttct cattctaaag tgcnaaancc ntaatngtct 540
ngaaagtgga acaggggtaa agggcaaaaa ttaacccccc ccaccccaat taaagtttcc 600
tggaangtca ntantntttt naatccccaa aggnnncatt tctntttaaa aaaattggnt 660
acctttggaa ctggggtaaa gnaaaatnag gaacccctgg gnggtttttt ttatnttttc 720
ttnaanccaa ccccccaatt ccaccttaaa aacccccacc cgggggangg ccaaaangnc 780
cacccttgng gaaacncttt tngtgggggn cccggtcgna aaacccaacc nccctntaaa 840
aagggggggt cgnnaaaaaa tttctcccna aganaaaccc acctttgggg cgnggggacn 900
cgntttaccc nttaaaatgg ggggaattcc ccgaaagcgt ttgggggtaa ccccaaaaga 960
cctttggggg gggaaaaatg aatgggggnc cattaaccn 999

<210> 1665
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR primer

<400> 1665
gctaaaggtg accccaagaa accaaag 27

<210> 1666
<211> 37
<212> DNA
<213> Artificial Sequence

<220>

<223> PCR primer

<400> 1666
ctattaactc gagggagaca gataaacagt ttcttta 37

<210> 1667
<211> 207
<212> PRT
<213> Homo sapiens

<400> 1667
Met Gln His His His His His His Ala Lys Gly Asp Pro Lys Lys Pro
1 5 10 15
Lys Gly Lys Met Ser Ala Tyr Ala Phe Phe Val Gln Thr Cys Arg Glu
20 25 30
Glu His Lys Lys Lys Asn Pro Glu Val Pro Val Asn Phe Ala Glu Phe
35 40 45
Ser Lys Lys Cys Ser Glu Arg Trp Lys Thr Met Ser Gly Lys Glu Lys
50 55 60
Ser Lys Phe Asp Glu Met Ala Lys Ala Asp Lys Val Arg Tyr Asp Arg
65 70 75 80
Glu Met Lys Asp Tyr Gly Pro Ala Lys Gly Gly Lys Lys Lys Lys Asp
85 90 95
Pro Asn Ala Pro Lys Arg Pro Pro Ser Gly Phe Phe Leu Phe Cys Ser
100 105 110
Glu Phe Arg Pro Lys Ile Lys Ser Thr Asn Pro Gly Ile Ser Ile Gly
115 120 125
Asp Val Ala Lys Lys Leu Gly Glu Met Trp Asn Asn Leu Asn Asp Ser
130 135 140
Glu Lys Gln Pro Tyr Ile Thr Lys Ala Ala Lys Leu Lys Glu Lys Tyr
145 150 155 160
Glu Lys Asp Val Ala Asp Tyr Lys Ser Lys Gly Lys Phe Asp Gly Ala
165 170 175
Lys Gly Pro Ala Lys Val Ala Arg Lys Lys Val Glu Glu Glu Asp Glu
180 185 190
Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Asp Glu
195 200 205

<210> 1668
<211> 636
<212> DNA
<213> Homo sapiens

<400> 1668
catatgcagc atcaccacca tcaccacgct aaaggtgacc ccaagaaacc aaagggcaag 60
atgtccgctt atgccttctt tgtgcagaca tgcagagaag aacataagaa gaaaaaccca 120
gaggtccctg tcaattttgc ggaattttcc aagaagtgct ctgagaggtg gaagacgatg 180
tccgggaaag agaaatctaa atttgatgaa atggcaaagg cagataaagt gcgctatgat 240
cgggaaatga aggattatgg accagctaag ggaggcaaga agaagaagga tcctaatgct 300
cccaaaaggc caccgtctgg attcttcctg ttctgttcag aattccgccc caagatcaaa 360
tccacaaacc ccggcatctc tattggagac gtggcaaaaa agctgggtga gatgtggaat 420
aatttaaatg acagtgaaaa gcagccttac atcactaagg cggcaaagct gaaggagaag 480
tatgagaagg atgttgctga ctataagtcg aaaggaaagt ttgatggtgc aaagggtcca 540

gctaaagttg cccggaaaaa ggtggaagag gaagatgaag aagaggagga ggaagaagag 600
gaggaggagg aggaggagga tgaataatga ctcgag 636

<210> 1669
<211> 2821
<212> DNA
<213> Homo sapiens

<400> 1669
ccacgcgtcc gcgccgcgcg gcgcagggga ggcgagaggc gcccccccggt ggagagcctg 60
agccccgcgc aagtctggcg gcacctggcg agcggagccg gagtcgggct ggggaccgcg 120
gggttgaggc cggaccgcgg cggggtcggg ggagaaacgc gcgctgccct ggcacgggcc 180
ccaacccccc ggccgcgcgg aatggtatgg cccggccgga gttaaggccg gggggaggcg 240
gcgagtcccg cggcggcggc gacgatgggg ctgcgtgcag gaggaacgct gggcagggcc 300
ggcgcgggtc gggggcgcc cgagggggccc gggccgagcg gcggcgcgca gggcggcagc 360
atccactcgg gccgcatcgc cgcggtgcac aacgtgccgc tgagcgtgct catccggccg 420
ctgccgtccg tgttggaccc cgccaaggtg cagagcctcg tggacacgat ccgggaggac 480
ccagacagcg tgccccccat cgatgtcctc tggatcaaag ggcccaggg aggtgactac 540
ttctactcct ttgggggctg ccaccgctac gcggcctacc agcaactgca gcgagagacc 600
atccccgcca agcttgtcca gtccactctc tcagacctaa gggtgtacct gggagcatcc 660
acaccagact tgcagtagca gcctccttgg cacctgctgc caccttcaag agcccagaag 720
acacacctgg cctccagcag gctgggccat gcagaaggga tagcaggggt gcattctctt 780
tgcacctggc gagagggtct gactctgggc accccctctca ccggctacaa ggccttggac 840
tcactgtaca gtgtgggagc cccagttccc acctctgtga caataggatc atggccttac 900
ccttgaagca ttaccgagaa ggagaacaga gatgggcttg aagagccacg tgctgccggc 960
tccaaattcc caaggacaag gatccctctg catttttgtc tatgtaacct cttatatgga 1020
ctacattcag ctgcaaggaa aggaaaacct tgattgcagt ggtttaaaca aacagaagat 1080
tgtttttcca catagcatgg attctggaga tgggtggcta atggtattgg ttcaacaact 1140
ccacgaaggt aggggtcacg tcttggatcc ttttgcctta atctcagtgc tcgttacttc 1200
atggtcccaa gatggctgct gtatccccaa gaatcatgtc tgcgttcaag gaaggagggg 1260
tggaggaaga ggaagggcca aactagctgg acccgtcacc ttctatcaga aagtaaaacc 1320
tcgtcagaag tctgtttcct gctctctccc tctgcatatc ttcacttaga tgcccttggc 1380
ccgagccagc taccattgca cctctagctg caaacaaagc taagacagca gggaacagaa 1440
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caataaaact gggatcccat taccaagaga gaaatgcaga attgtgtacc agttagcttt 1560
tgctgtgtaa caaaccatcc ccaaacttgg cagctagaaa caaaccctgt attttcccac 1620
aatcctatgg gttggcaatt tgggctgggc tcaacagggc agttctgctg ctcacacctg 1680
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gagagtgaga gtagaagctg aaagacttct tgagttcttg gcctggaact gggactagga 1920
cagtgtcact tctgctaagt tcttttggtc agagcaaatc acaaggcttt acccagattc 1980
aagggatgag aaacagacta catgtcttga tgaggggaac cacaaagagc ttgtggccat 2040
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tccccctttc tctctgtctc atggggcctc actctgccaa gttggaaggc actaagacat 2160
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ggctggaccc actgtagtag gagtgcctcc ttgtctgcac tgctggtatg gggttaggcc 2280
aggtaggaca ttccagaggg gcttctgaaa accaagagtc cctggggaaa gggaacagag 2340
taaggcaggc cttgttctca ctgccctcta agggaacttg gtcactcggc actttaagc 2400
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gtggcatcct ggattgggtc ttggaacaaa aacaggacat tagtgggaaa attggaaatc 2580
tgaaaaaagt ctgaatttta gttaatatac caatttcagt ctcttggttt tgacagatgt 2640

accatggtga tgtaagatgt tgaccttggg gtaggctggg tgaagggtat acaggaactc 2700
tttgtactat ctctgcaact tctctgtaaa tctagtatca ttccaaaata aaagtttatt 2760
taatttaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2820
a 2821

<210> 1670
<211> 137
<212> PRT
<213> Homo sapiens

<400> 1670
Met Gly Leu Arg Ala Gly Gly Thr Leu Gly Arg Ala Gly Ala Gly Arg
5 10 15

Gly Ala Pro Glu Gly Pro Gly Pro Ser Gly Gly Ala Gln Gly Gly Ser
20 25 30

Ile His Ser Gly Arg Ile Ala Ala Val His Asn Val Pro Leu Ser Val
35 40 45

Leu Ile Arg Pro Leu Pro Ser Val Leu Asp Pro Ala Lys Val Gln Ser
50 55 60

Leu Val Asp Thr Ile Arg Glu Asp Pro Asp Ser Val Pro Pro Ile Asp
65 70 75 80

Val Leu Trp Ile Lys Gly Ala Gln Gly Gly Asp Tyr Phe Tyr Ser Phe
85 90 95

Gly Gly Cys His Arg Tyr Ala Ala Tyr Gln Gln Leu Gln Arg Glu Thr
100 105 110

Ile Pro Ala Lys Leu Val Gln Ser Thr Leu Ser Asp Leu Arg Val Tyr
115 120 125

Leu Gly Ala Ser Thr Pro Asp Leu Gln
130 135

<210> 1671
<211> 109
<212> PRT
<213> Homo sapiens

<400> 1671
Met Ala Arg Pro Glu Leu Arg Pro Gly Gly Gly Gly Glu Ser Arg Gly
5 10 15

Gly Gly Asp Asp Gly Ala Ala Cys Arg Arg Asn Ala Gly Gln Gly Arg
20 25 30

Arg Gly Ser Gly Gly Ala Arg Gly Ala Arg Ala Glu Arg Arg Arg Ala
35 40 45

```
Gly Arg Gln His Pro Leu Gly Pro His Arg Arg Gly Ala Gln Arg Ala
     50                  55                  60

Ala Glu Arg Ala His Pro Ala Ala Ala Val Arg Val Gly Pro Arg Gln
 65                  70                  75                  80

Gly Ala Glu Pro Arg Gly His Asp Pro Gly Gly Pro Arg Gln Arg Ala
                 85                  90                  95

Pro His Arg Cys Pro Leu Asp Gln Arg Gly Pro Gly Arg
            100                 105
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<210> 1672
<211> 145
<212> PRT
<213> Homo sapiens

<400> 1672

```
Met Gly Leu Lys Ser His Val Leu Pro Ala Pro Asn Ser Gln Gly Gln
                 5                  10                  15

Gly Ser Leu Cys Ile Phe Val Tyr Val Thr Ser Tyr Met Asp Tyr Ile
            20                  25                  30

Gln Leu Gln Gly Lys Glu Asn Leu Asp Cys Ser Gly Leu Asn Lys Gln
         35                  40                  45

Lys Ile Val Phe Pro His Ser Met Asp Ser Gly Asp Gly Trp Leu Met
     50                  55                  60

Val Leu Val Gln Gln Leu His Glu Gly Arg Gly His Val Leu Asp Pro
 65                  70                  75                  80

Phe Ala Leu Ile Ser Val Leu Val Thr Ser Trp Ser Gln Asp Gly Cys
                 85                  90                  95

Cys Ile Pro Lys Asn His Val Cys Val Gln Gly Arg Arg Gly Gly Gly
            100                 105                 110

Arg Gly Arg Ala Lys Leu Ala Gly Pro Val Thr Phe Tyr Gln Lys Val
        115                 120                 125

Lys Pro Arg Gln Lys Ser Val Ser Cys Ser Leu Pro Leu His Ile Phe
    130                 135                 140

Thr
145
```

<210> 1673
<211> 117
<212> PRT
<213> Homo sapiens

<400> 1673
Met Asp Tyr Ile Gln Leu Gln Gly Lys Glu Asn Leu Asp Cys Ser Gly
5 10 15

Leu Asn Lys Gln Lys Ile Val Phe Pro His Ser Met Asp Ser Gly Asp
20 25 30

Gly Trp Leu Met Val Leu Val Gln Gln Leu His Glu Gly Arg Gly His
35 40 45

Val Leu Asp Pro Phe Ala Leu Ile Ser Val Leu Val Thr Ser Trp Ser
50 55 60

Gln Asp Gly Cys Cys Ile Pro Lys Asn His Val Cys Val Gln Gly Arg
65 70 75 80

Arg Gly Gly Gly Arg Gly Arg Ala Lys Leu Ala Gly Pro Val Thr Phe
85 90 95

Tyr Gln Lys Val Lys Pro Arg Gln Lys Ser Val Ser Cys Ser Leu Pro
100 105 110

Leu His Ile Phe Thr
115

<210> 1674
<211> 90
<212> PRT
<213> Homo sapiens

<400> 1674
Met Asp Ser Gly Asp Gly Trp Leu Met Val Leu Val Gln Gln Leu His
5 10 15

Glu Gly Arg Gly His Val Leu Asp Pro Phe Ala Leu Ile Ser Val Leu
20 25 30

Val Thr Ser Trp Ser Gln Asp Gly Cys Cys Ile Pro Lys Asn His Val
35 40 45

Cys Val Gln Gly Arg Arg Gly Gly Gly Arg Gly Arg Ala Lys Leu Ala
50 55 60

Gly Pro Val Thr Phe Tyr Gln Lys Val Lys Pro Arg Gln Lys Ser Val
65 70 75 80

Ser Cys Ser Leu Pro Leu His Ile Phe Thr
85 90

<210> 1675
<211> 102

<212> PRT
<213> Homo sapiens

<400> 1675
Met Gln Asn Cys Val Pro Val Ser Phe Cys Cys Val Thr Asn His Pro
5 10 15

Gln Thr Trp Gln Leu Glu Thr Asn Pro Val Phe Ser His Asn Pro Met
20 25 30

Gly Trp Gln Phe Gly Leu Gly Ser Thr Gly Gln Phe Cys Cys Ser His
35 40 45

Leu Gly Ser Leu Met Glu Leu Arg Ser Ala Val Thr Ser Ala Gly Pro
50 55 60

Gly Trp Ser Arg Ile Ala Leu Leu Thr Cys Leu Ala Gly Asp Arg Leu
65 70 75 80

Leu Ala Gly Ile Ala Trp Phe Ser Ser Met Trp Pro Leu Gln Gln Ala
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Ser Ser Gly Leu Phe Thr
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<210> 1676
<211> 1336
<212> DNA
<213> Homo sapiens

<400> 1676
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<210> 1677
<211> 250
<212> PRT
<213> Homo sapiens

<400> 1677

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Val Ala Pro His Asn Gly Tyr Pro Val Thr Pro Gly Ile Met Ser His
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Val Pro Leu Tyr Pro Asn Ser Gln Pro Gln Val His Leu Val Pro Gly
         35                  40                  45

Asn Pro Pro Ser Leu Val Ser Asn Val Asn Gly Gln Pro Val Gln Lys
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Ala Leu Lys Glu Gly Lys Thr Leu Gly Ala Ile Gln Ile Ile Ile Gly
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Leu Ala His Ile Gly Leu Gly Ser Ile Met Ala Thr Val Leu Val Gly
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Glu Tyr Leu Ser Ile Ser Phe Tyr Gly Gly Phe Pro Phe Trp Gly Gly
            100                 105                 110

Leu Trp Phe Ile Ile Ser Gly Ser Leu Ser Val Ala Ala Glu Asn Gln
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Pro Tyr Ser Tyr Cys Leu Leu Ser Gly Ser Leu Gly Leu Asn Ile Val
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Ser Ala Ile Cys Ser Ala Val Gly Val Ile Leu Phe Ile Thr Asp Leu
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Ser Ile Pro His Pro Tyr Ala Tyr Pro Asp Tyr Tyr Pro Tyr Ala Trp
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Gly Val Asn Pro Gly Met Ala Ile Ser Gly Val Leu Leu Val Phe Cys
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Leu Leu Glu Phe Gly Ile Ala Cys Ala Ser Ser His Phe Gly Cys Gln
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Leu Val Cys Cys Gln Ser Ser Asn Val Ser Val Ile Tyr Pro Asn Ile
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Ser Tyr Ser Ser Glu Ile Gln Ala Asn Lys
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<210> 1678
<211> 177
<212> PRT
<213> Homo sapiens

<400> 1678
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Arg Ser Arg Ala Gly Asp Arg Gly Val Glu Ala Gly Pro Arg Arg Gly
35 40 45

Arg Gly Arg Asn Ala Arg Cys Pro Gly Thr Gly Pro Asn Pro Pro Ala
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Ala Arg Asn Gly Met Ala Arg Pro Glu Leu Arg Pro Gly Gly Gly Gly
65 70 75 80

Glu Ser Arg Gly Gly Gly Asp Asp Gly Ala Ala Cys Arg Arg Asn Ala
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Gly Gln Gly Arg Arg Gly Ser Gly Gly Ala Arg Gly Ala Arg Ala Glu
100 105 110

Arg Arg Arg Ala Gly Arg Gln His Pro Leu Gly Pro His Arg Arg Gly
115 120 125

Ala Gln Arg Ala Ala Glu Arg Ala His Pro Ala Ala Ala Val Arg Val
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Gly Pro Arg Gln Gly Ala Glu Pro Arg Gly His Asp Pro Gly Gly Pro
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Arg Gln Arg Ala Pro His Arg Cys Pro Leu Asp Gln Arg Gly Pro Gly
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Arg

<210> 1679
<211> 42
<212> PRT
<213> Homo sapiens

<400> 1679
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            20                  25                  30
Ser Tyr Ser Ser Glu Ile Gln Ala Asn Lys
        35                  40
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